

CASSETTE RECEIVER

KRC-558RG/RA

SERVICE MANUAL

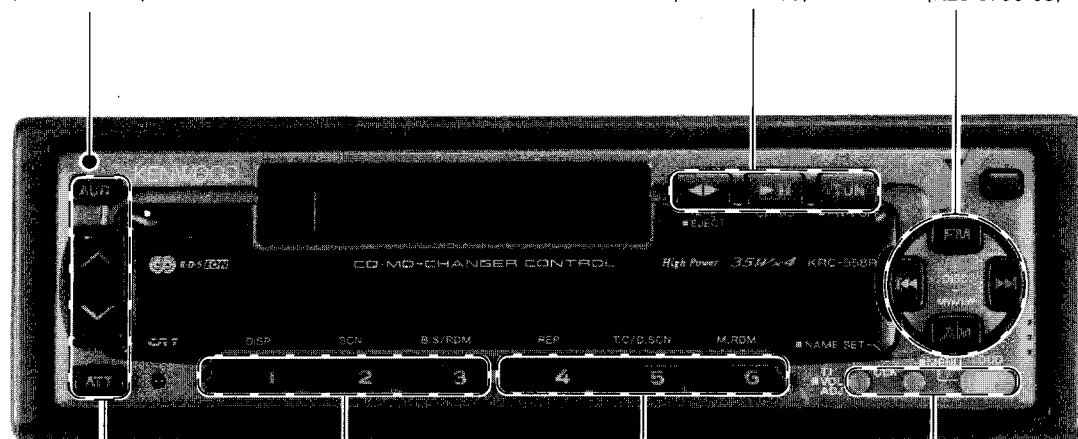
KENWOOD

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B51-7070-00 (N) 2278

Panel ass'y
(A64-0889-02)

Knob (TUNE)
(K25-0792-03)

Knob (FM, AM)
(K25-0790-03)



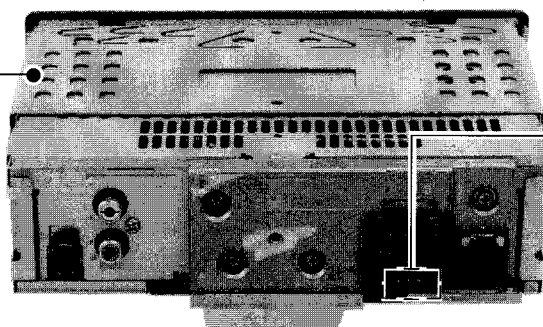
Knob (AUD)
(K25-0786-03)

Knob (1, 2, 3)
(K25-0788-03)

Knob (4, 5, 6)
(K25-0789-03)

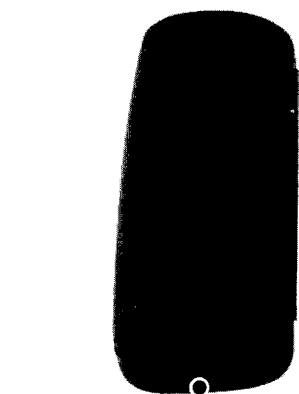
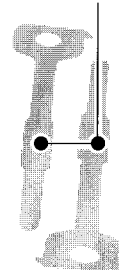
Knob (AUTO)
(K25-0791-03)

Mounting hardware
(J21-7630-13)

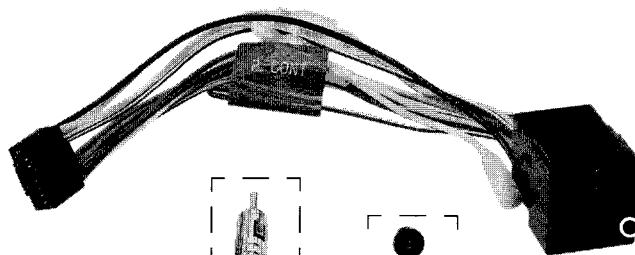


Fuse (Mini blade type)
(F52-0006-05)

Lever
(D10-3031-04)



Plastic cabinet
(A02-1444-03)



DC cord
(E30-4426-05)

Antenna adaptor
(T90-0512-05)



Sems (Machine screw)
(N09-1885-05)

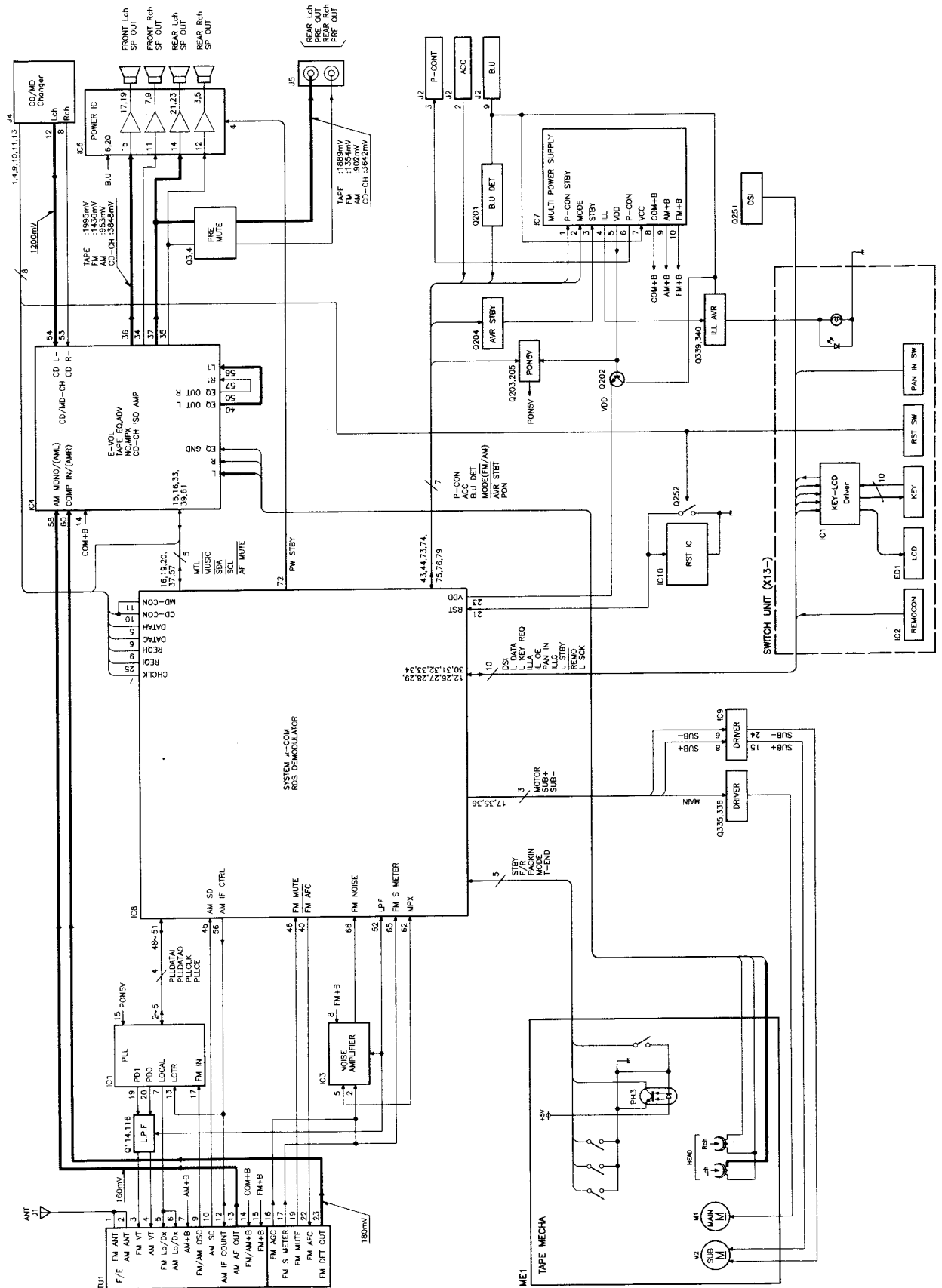


Mechanism extension cord for service
7P : W05-0477-00
10P : W05-0609-00

DC cord for service : E30-4335-05

KRC-558RG/RA

BLOCK DIAGRAM



KRC-558RG/RA

CIRCUIT DESCRIPTION

Microprocessor : ST7285A5Q6ACLK (IC8, X14-)

Terminal description

| No. | Pin name | I/O | Function | Port logic | Power OFF |
|-----|----------|-----|---|------------|-----------|
| 1 | GNDP | – | Output buffer GND. | | |
| 2 | VDDP | – | Output buffer power supply. | | |
| 3 | OSCOUT | O | Oscillator output. | | |
| 4 | OSCIN | I | Oscillator input. | | |
| 5 | DATAH | O | 5-line communication – data, head unit. | | L |
| 6 | DATAC | I | 5-line communication – data, disc-CH. | | |
| 7 | CHCLK | I | 5-line communication – clock, head unit. | Active “L” | |
| 8 | GND | I | GND. | | |
| 9 | REQH | O | 5-line communication – request, head unit. | Active “L” | H |
| 10 | CHCON1 | O | Disc-CH 1. | Active “H” | L |
| 11 | CHCON2 | O | | | L |
| 12 | REMO | I | Remote control input. | | |
| 13 | PACKIN | I | Tape pack IN. | | |
| 14 | – | O | Not used. | | L |
| 15 | T-STBY | I | Tape – standby. | | |
| 16 | MUSIC | I | Tape – music. | | |
| 17 | MOTOR | O | Tape – main motor. | Active “H” | L |
| 18 | DOLBY | O | Tape – Dolby. | Active “H” | L |
| 19 | SCL | O | 12C bus – clock. | | OPEN |
| 20 | SDA | I/O | 12C bus – data. | | OPEN |
| 21 | RESET | I | Hardware reset. | Active “L” | |
| 22 | VPP | I | μ-COM test mode (fixed at “L” in normal operation). | | |
| 23 | VDD | I | Full logic circuit power. | | |
| 24 | GND | I | Full logic circuit GND. | | |
| 25 | REQC | I | 5-line communication – request, disc-CH. | Active “L” | |
| 26 | ILLA | O | Illumination – amber. | Active “H” | L |
| 27 | ILLG | O | Illumination – green. | Active “H” | L |
| 28 | DSI | O | DSI. | Active “H” | |
| 29 | L OE | O | LCD driver – all segment enable. | Active “H” | L/H |
| 30 | L STB | O | LCD driver – strobe. | | L |
| 31 | L SCK | O | LCD driver – clock. | | L |
| 32 | L DATA | I/O | LCD driver – data. | | L/H |
| 33 | L KEYREQ | I | LCD driver – key request. | | |
| 34 | PANIN | I | Panel inserted. | Active “L” | |
| 35 | SUB+ | O | Tape – sub-motor (+). | | – |
| 36 | SUB- | O | Tape – sub-motor (–). | | – |
| 37 | MTL | O | Tape – metal. | Active “H” | – |
| 38 | (KICK) | O | Not used. | | L |
| 39 | NC | O | Not used. | | L |
| 40 | AFC | O | Tuner – FM AFC. | Active “L” | L |

KRC-558RG/RA

CIRCUIT DESCRIPTION

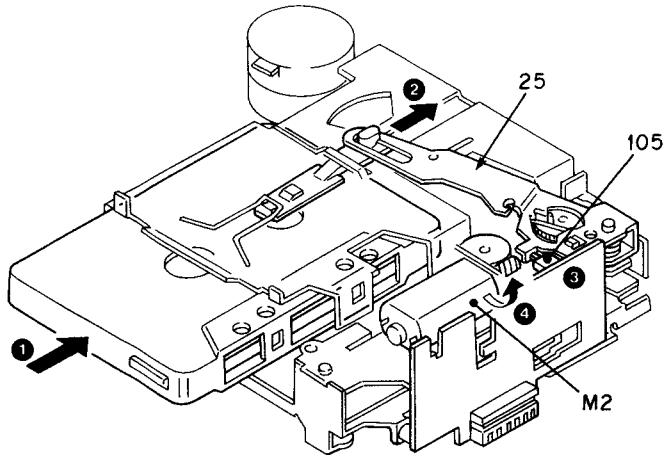
| No. | Pin name | I/O | Function | Port logic | Power OFF |
|-----|----------|-----|--|---------------|-----------|
| 41 | GNDP | I | Output buffer GND. | | |
| 42 | VDDP | I | Output buffer power. | | |
| 43 | ACC | I | ACC. | 1.27V (TH) | |
| 44 | BUP | I | Open (because of built-in pull-up resistor). | 3.0V (TH) | |
| 45 | AMSD | I | Tuner – AM SD. | Active “H” | |
| 46 | FMMUTE | I | Tuner – FM band muting. | Active “L” | |
| 47 | TAPE-F/R | I | TAPE HEAD FORWARD / REVERSE. | F : H / R : L | |
| 48 | P DI | I | PLL IC – data input. | | |
| 49 | P DO | O | PLL IC – data output. | | L |
| 50 | P CL | O | PLL IC – clock. | | L |
| 51 | P CE | O | PLL IC – chip enable. | | L |
| 52 | LPF | O | Tuner – FM LPF. | Active “L” | L |
| 53 | PNSW1 | I | H : KRC-658, L : KRC-558. | | |
| 54 | PNSW2 | I | | | |
| 55 | (PANT) | O | Not used. | | L |
| 56 | IF CTRL | O | Tuner – AM IF control. | Active “L” | L |
| 57 | AFMUTE | O | Tuner – FM AF high-speed muting. | Active “L” | L |
| 58 | MUTE | O | Muting. | Active “L” | L |
| 59 | RDSCOMP | O | RDS COMP output. | | |
| 60 | RDSFIL | O | RDS filter output. | | |
| 61 | RDSFIL | I | RDS reference input. | | |
| 62 | MPX | I | RDS input signal. | | |
| 63 | VDDA | I | Analog power. | | |
| 64 | GNDA | I | Analog GND. | | |
| 65 | SMETER | I | Tuner – FM S meter. | | |
| 66 | NOISE | I | Tuner – FM noise | | |
| 67 | T-MODE | I | Tape – mode. | | |
| 68 | T-END | I | Tape – end. | | |
| 69 | – | I | | | L |
| 70 | – | I | | | L |
| 71 | BUP | I | Back-up. | Active “L” | |
| 72 | PW STBY | O | Power IC standby. | Active “H” | L |
| 73 | FM/AM | O | Tuner – FM/AM selection. | FM : “L” | L |
| 74 | AVR STBY | O | AVR standby. | Active “H” | L |
| 75 | PON | O | Power ON 5V. | Active “H” | L |
| 76 | PCON | O | Power control. | Active “H” | L |
| 77 | TEST | O | Test mode ON. | Active “H” | L |
| 78 | – | O | | | L |
| 79 | PHONE | I | Phone interface. | Active “H” | |
| 80 | BEEP | O | Beep. | | L |

KRC-558RG/RA

MECHANISM OPERATION DESCRIPTION

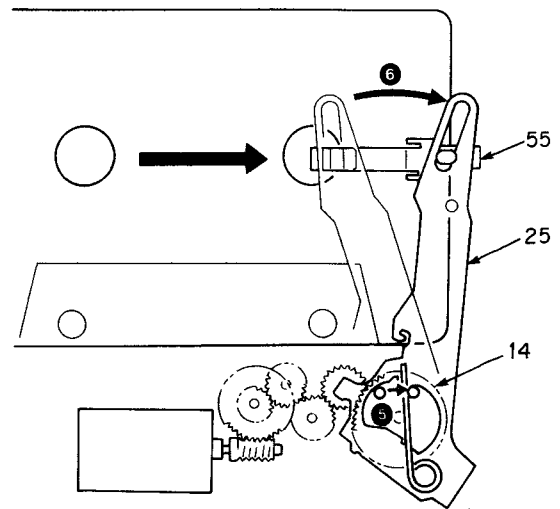
1. Loading

When the cassette tape is pushed in ①, the loading arm (25) moves via the pack slider (55) ②. Thus, the pack-in switch (105) detects this ③, and the sub motor (M2) makes normal rotation ④.



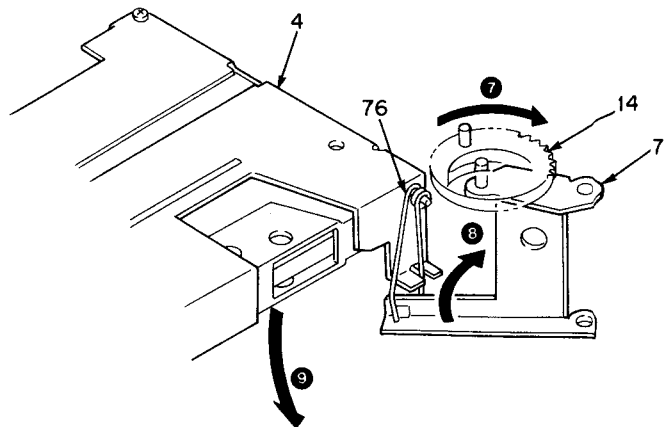
The rotation of the sub motor (M2) causes the load gear (14) to rotate by way of the idle gear ⑤.

The load gear (14) provides the rotation of the loading arm (25) by this pin ⑥, to load in the cassette tape.



2. Pack down

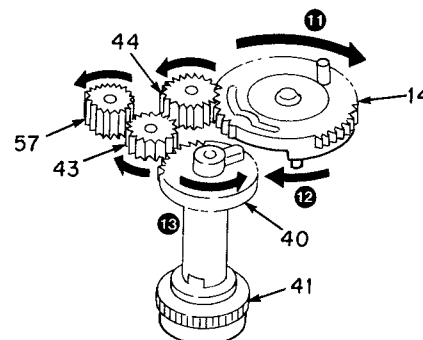
When the load gear (14) further rotates ⑦, the action arm (7) also rotates ⑧ to lower the action plate (4) ⑨, by way of the action plate spring (76).



3. Change from Load Gear to Mode Gear

When the load gear (14) further more rotates ⑪, the boss under it pushes against the boss of the mode gear (40) ⑫, so that the mode gear (40) rotates after the shift of its non-toothed section ⑬.

Thus, the load gear (14) stops rotation on account of its non-toothed section coming.



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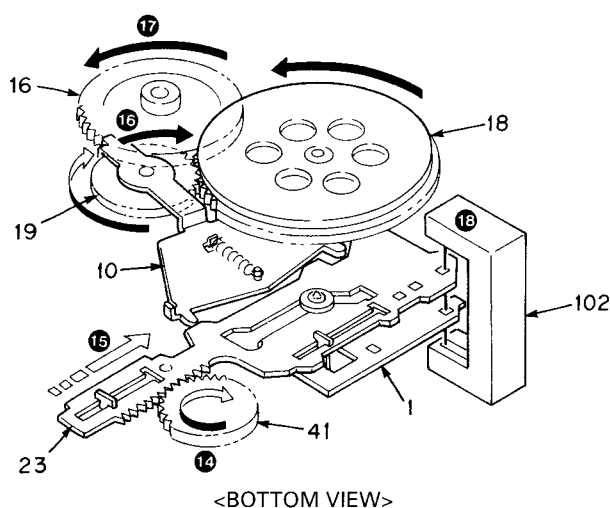
MECHANISM OPERATION DESCRIPTION

4. REW

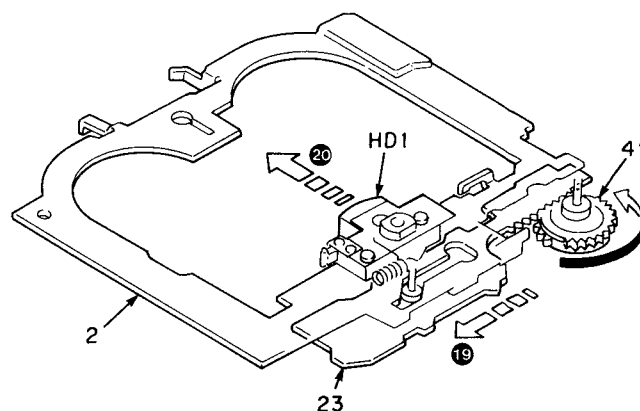
When the mode gear (41) rotates ⑭, the FR plate (23) under it moves ⑮. The cam of the FR plate (23) works to rotate the FR arm (10) ⑯.

Further, the FR arm (10) moves to transmit the rotation of the flywheel (18) to the reel gear (16) ⑰.

At this time, a slot (REW hole) of the FR plate (23) is detected by the mode sensor (102) ⑱, to stop the rotation of the sub motor.



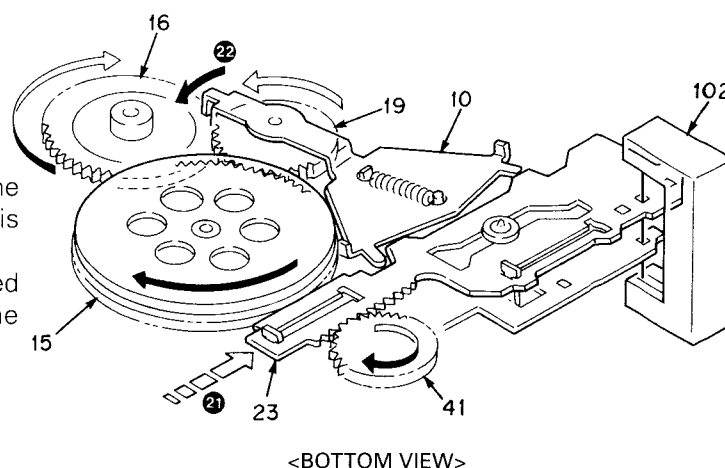
For REW or FF, due to the groove of the FR plate (23) ⑲, the head plate (2) advances ⑳ so that the head moves to a position at which T-ADV is feasible.



5. FF

When the sub motor further rotates, the cam of the FR plate (23) moves ㉑ so that the FR arm (10) is rotated in the reverse direction ㉒.

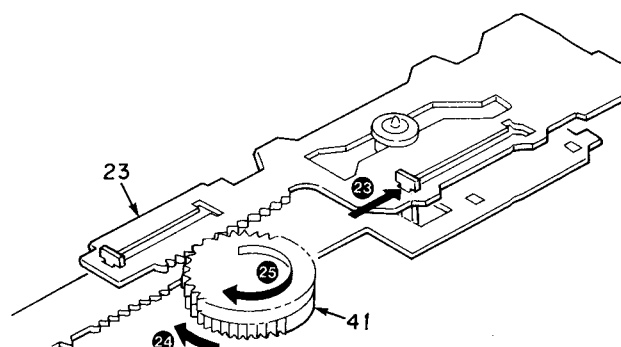
Thus, a slot (FF hole) of the FR plate (23) is detected by the mode sensor (102) to stop the rotation of the sub motor.



6. Change from FR Plate to PRO Plate

When the sub motor further more rotates, the hole of the FR plate (23) hits against the knob of the PRO plate (22) ㉓, so that the PRO plate (22) moves.

Thus, the rack of the PRO plate (22) enters into engagement with the mode gear ㉔. Then, the rack of the FR plate (23) is disengaged from the mode gear because of its non-toothed section coming ㉕.



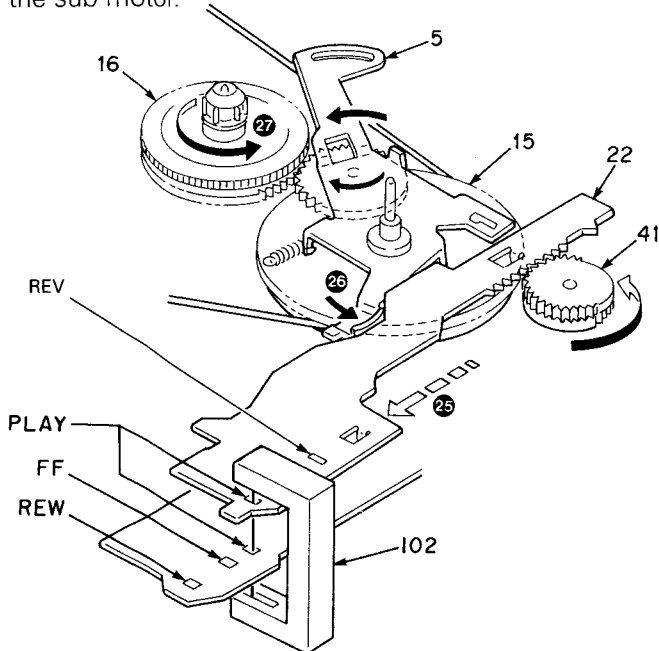
KRC-558RG/RA

MECHANISM OPERATION DESCRIPTION

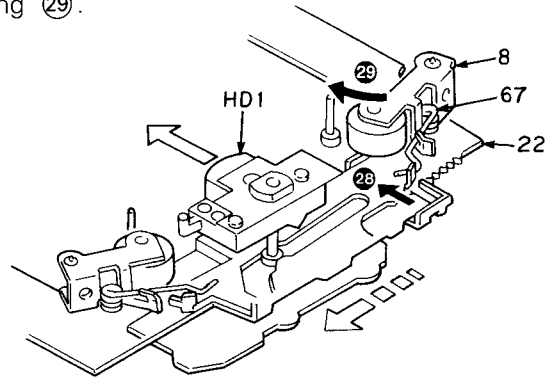
7. FWD PLAY

When the PRO plate (22) moves ②⑤, the take-up plate F is rotated by the cam of the PRO plate (22) and the take-up gear (45) engages with the reel ass'y (16) ②⑥. The rotation of the flywheel (15) is transmitted to the reel ass'y (16) by way of the take-up gear (45) ②⑦.

Thus, a slot (PLAY hole) of the PRO plate (22) is detected by the mode sensor (102) to stop the rotation of the sub motor.



The groove of PRO plate (22) serves to advance the head plate (2) ②⑧, to move the head and the pinch roller (8) to their FWD PLAY position. The pinch roller (8) is contacted to the capstan (15) by pressure due to the shift to the take-up plate and the force of the pinch roller spring ②⑨.

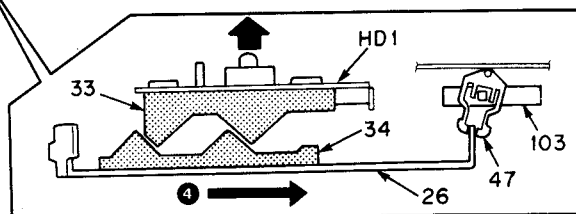
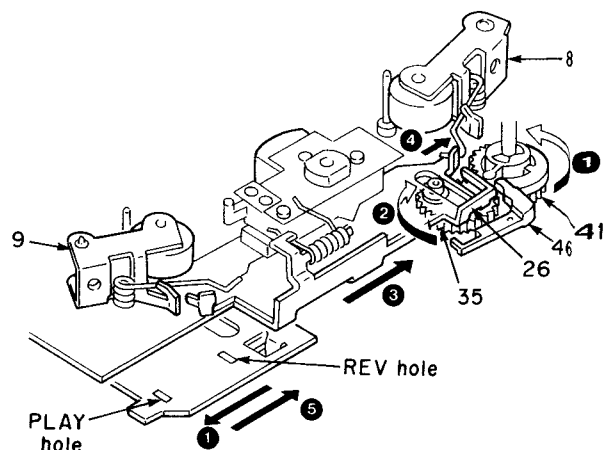
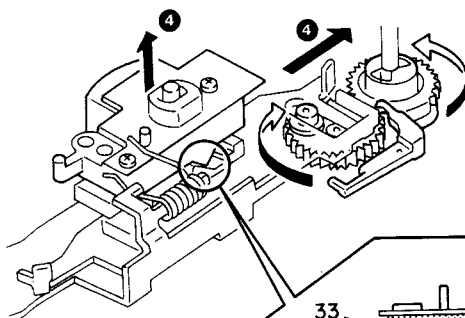


8. REV PLAY (PROGRAM)

When the tape end is reached or the PROGRAM switch is pressed, the sub motor (M2) rotates and cause the mode gear (41) to rotate ①.

The mode gear (41) unlocks the lock lever (46) and cause the reverse gear (35) to rotate by a half turn ②. The reverse gear (35) moves the reverse slider (26) ③.

The reverse slider (26) changes the pinch rollers (8, 9), slide switch (103) and the height of the PB head ④.

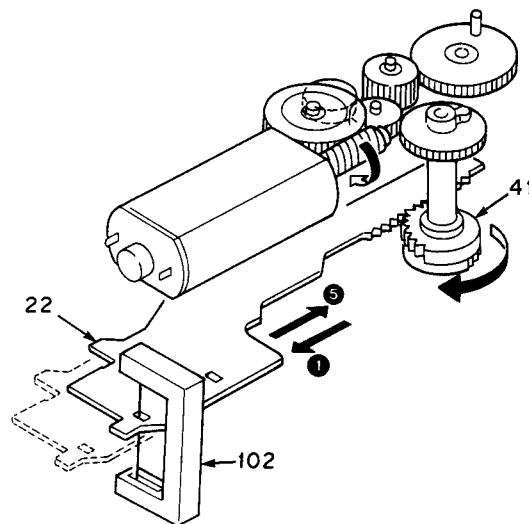


KRC-558RG/RA

MECHANISM OPERATION DESCRIPTION

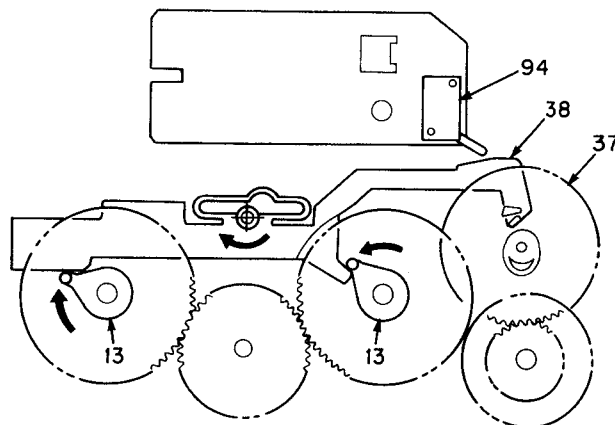
When the mode sensor (102) detects the REV hole on the PRO plate (22), the sub motor rotates in the reverse direction and stops when the mode sensor (102) detects the PLAY hole on the PRO plate (22) ⑤.

During the above operation, the reverse gear (35) does not rotate thanks to the lock lever (46).



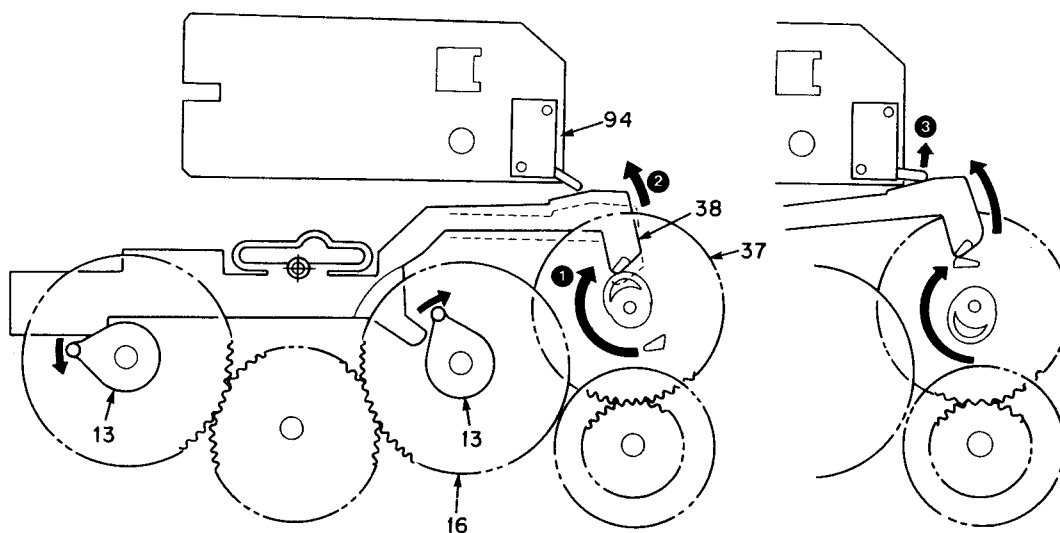
9. AUTO REVERSE (End detect)

When the end of the tape is reached during playback and the reel disk assembly (16) stops rotating, the ED plate (38) is pushed by the ED gear (37) ①.



The ED gear (37) rotates and the boss pushes the ED plate (38) further ②. The ED plate (38) pushes the ED switch (94) ③.

The ED switch (94) starts the PROGRAM operation.

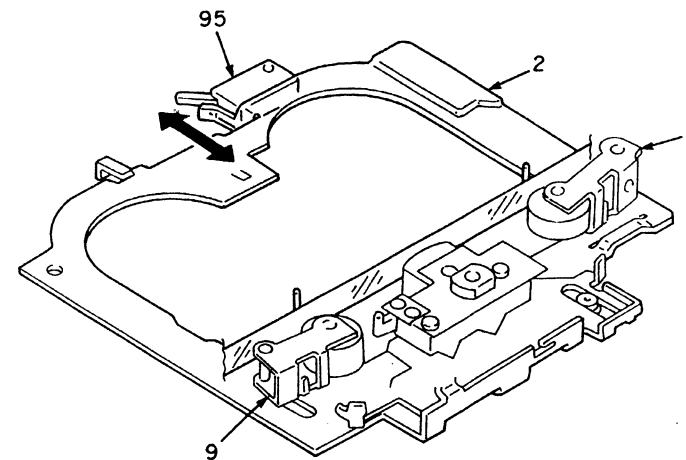


KRC-558RG/RA

MECHANISM OPERATION DESCRIPTION

10. STANDBY (PAUSE)

From a given mode, when the head plate (2) regresses due to the reverse rotation of the sub motor rotates, when the pause switches (95) acts ("L" to "H") to stop the rotation of the sub motor, the pause mode is entered.



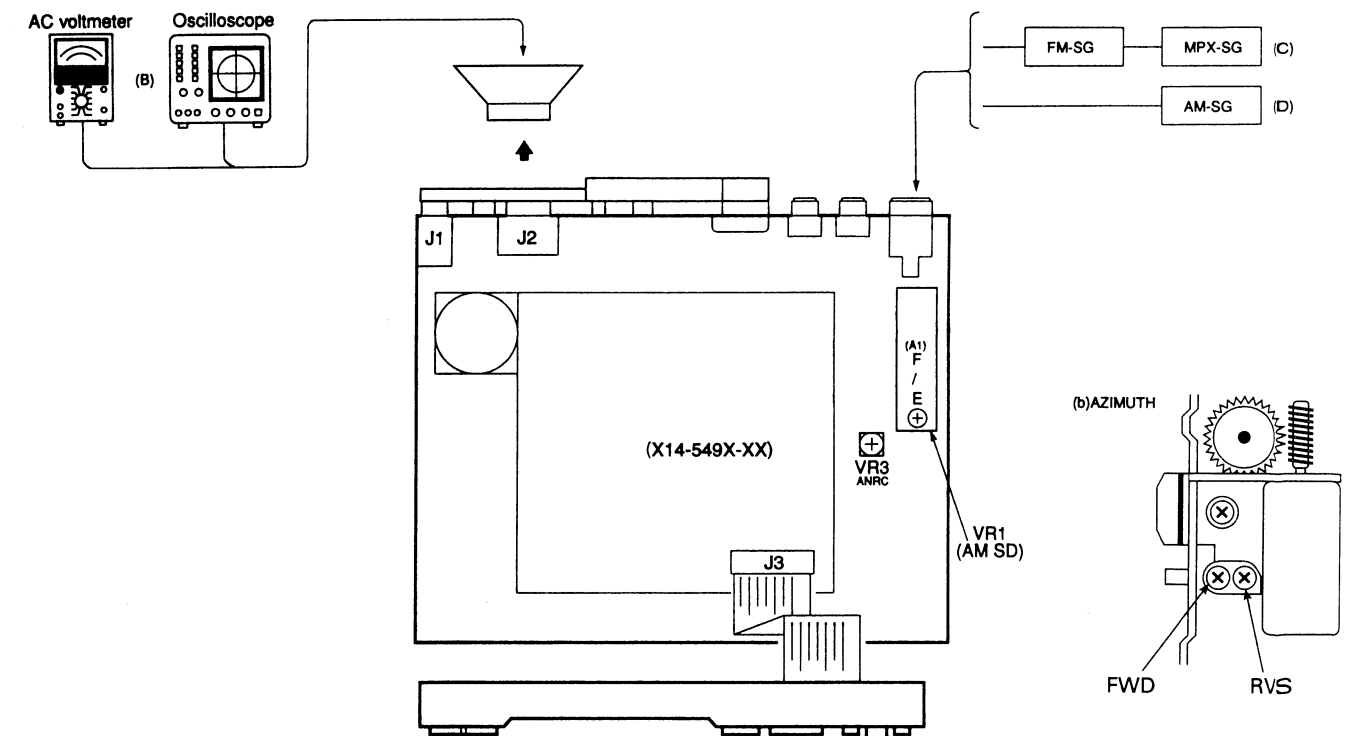
11. EJECT

When the sub motor is reversely rotated, an operation reverse to the loading operation is performed to eject the cassette tape.

KRC-558RG/RA

ADJUSTMENT

| No. | ITEM | INPUT SETTINGS | OUTPUT SETTINGS | TUNER (RECEIVER) SETTINGS | ALIGNMENT POINTS | ALIGN FOR | FIG. |
|------------------------------|---------|--|-----------------|---------------------------|-------------------------|---|------|
| FM SECTION | | | | | | | |
| 1 | ANRC | (C) 98.1 MHz 1KHz, ± 40 kHz dev Pilot: ± 6.0 kHz dev Selector : L or R 35dBu(ANT input) | (B) | FM98.1MHz | VR3 (ANRC) (X14-) | Separation 10dB | |
| CASSETTE DECK SECTION | | | | | | | |
| 1 | AZIMUTH | MTT-114 10kHz | (B) | TAPE PLAY | Head Azimuth Screw | Adjust the azimuth for each L ch/ R ch or FWD/RVS becomes maximum. | (b) |



PC BOARD (FOIL SIDE VIEW)

SWITCH UNIT : X13-896X-XX
558RG (0-11, 2-72) 558RA (2-73, 2-74)

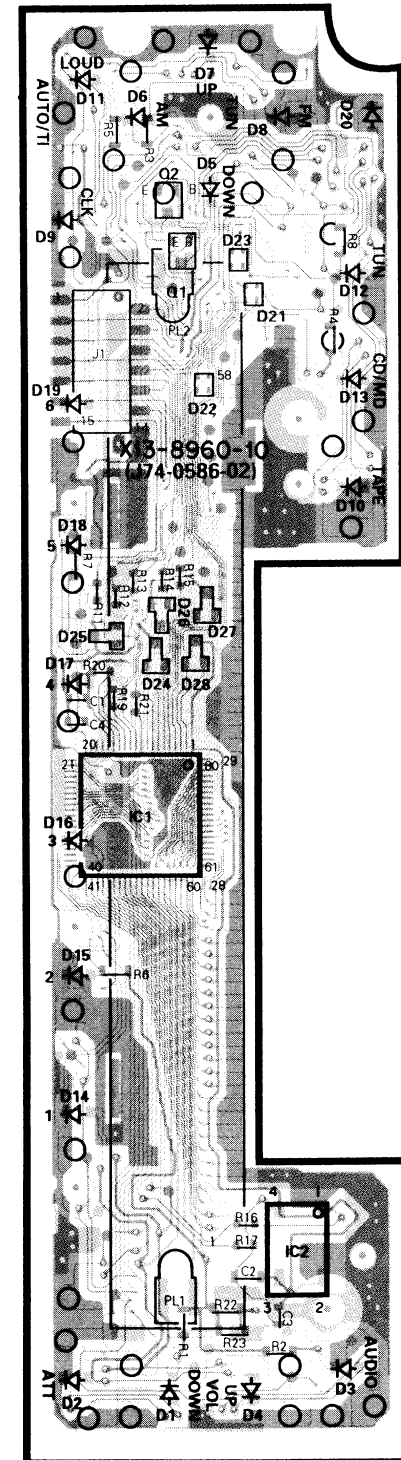
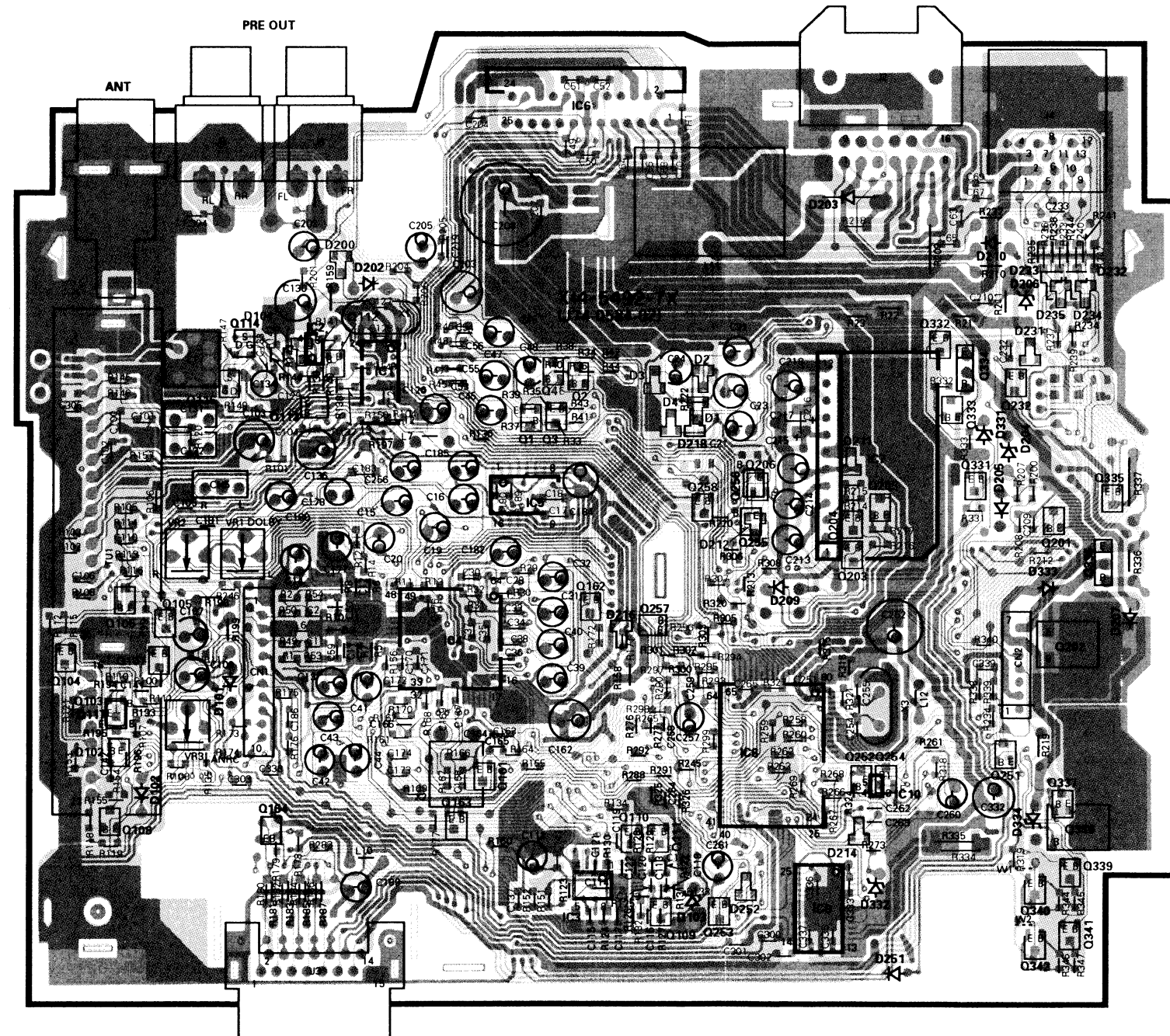
(X14-549X-XX)

| IC | Q | address |
|-----|---|---------|
| 1 | | 4N |
| 2 | | 4N |
| 3 | | 6O |
| 4 | | 5N |
| 6 | | 3O |
| 7 | | 4P |
| 8 | | 5P |
| 9 | | 6P |
| 10 | | 6P |
| 3 | | 4O |
| 4 | | 4O |
| 102 | | 5M |
| 103 | | 5M |
| 104 | | 5M |
| 105 | | 5M |
| 106 | | 5M |
| 107 | | 5M |
| 108 | | 6M |
| 109 | | 6O |
| 110 | | 6O |
| 111 | | 6O |
| 112 | | 4N |
| 113 | | 4N |
| 114 | | 4M |
| 116 | | 4M |

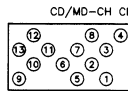
(X13-896X-XX)

| IC | Q | address |
|----|---|---------|
| 1 | | 5R |
| 2 | | 6S |
| 1 | | 3R |
| 2 | | 3R |

SYNTHESIZER UNIT : X14-549X-XX
558RG (2-72, 2-73) 558RA (2-74, 2-75)

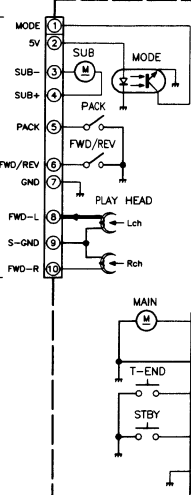


(X14-5492-72/2-73/2-74/2-75)

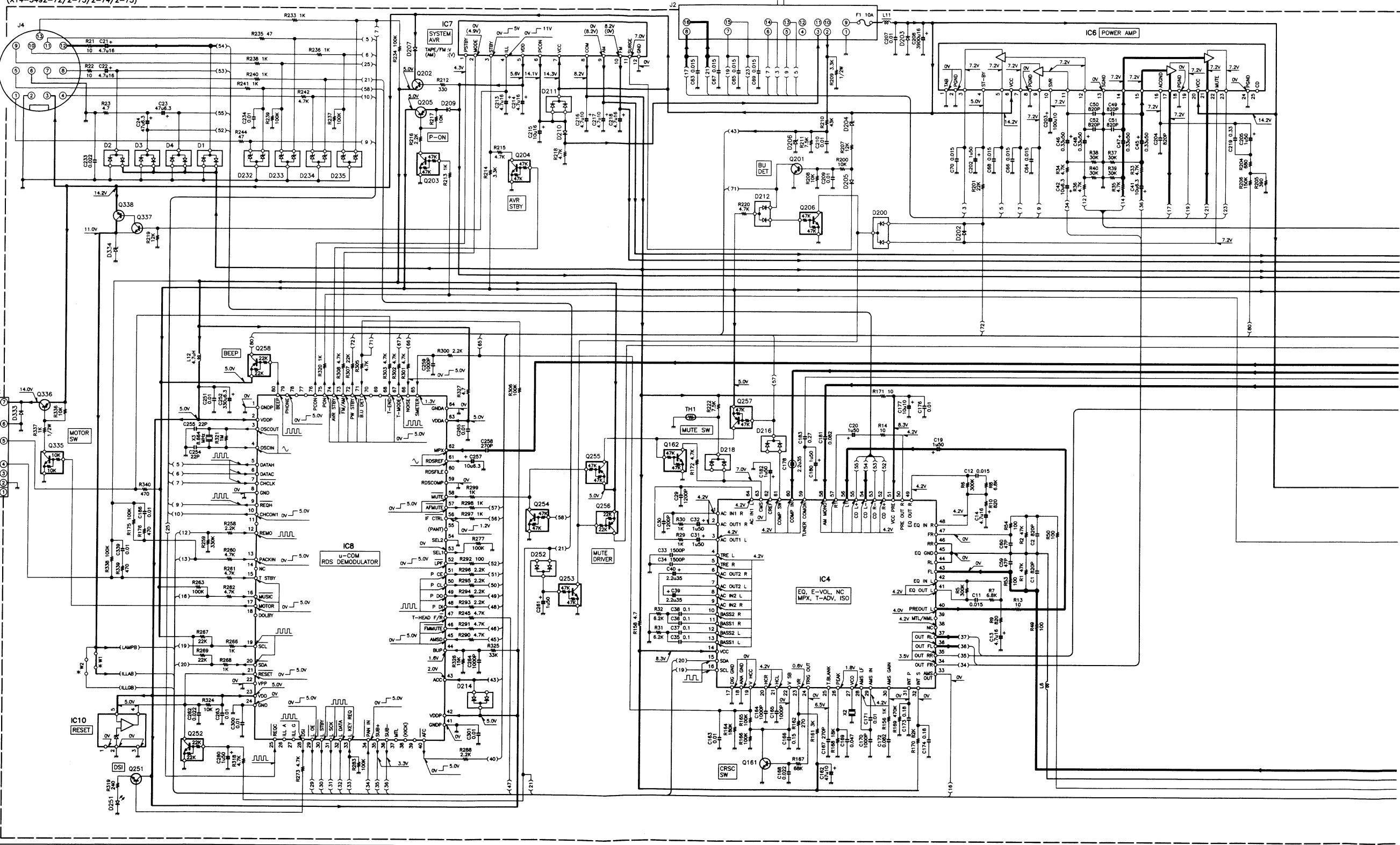


| | | | | | |
|---|-------|----|--------|----|--------|
| 1 | REQ H | 6 | A GND | 11 | DATA H |
| 2 | D GND | 7 | RST | 12 | Leh |
| 3 | BU | 8 | Rch | 13 | CHCLK |
| 4 | CHCON | 9 | REQ C | | |
| 5 | MUTE | 10 | DATA C | | |

CASSETTE MECHA. (D40-1081-05)

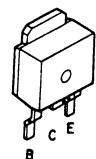


| MODEL NAME | UNIT NO. | W1 | W2 |
|------------|-------------|-----|-----|
| KRC-558RA | X14-5492-74 | YES | NO |
| KRC-558RG | X14-5492-75 | NO | YES |

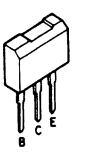


DTA114EK DTC124EK
DTA124EK DTC143TK
DTA144EK DTC144EK
DTC114EK 2SA1037K
DTC114TK 2SC2412K

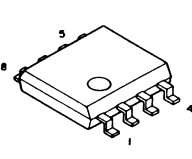
2SB1184



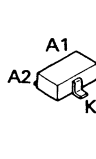
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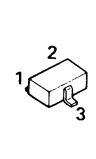
NJM4565M-TE2



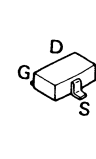
DAN202K



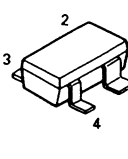
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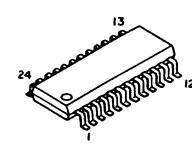
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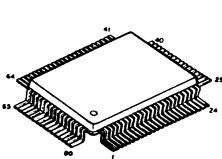
DA227



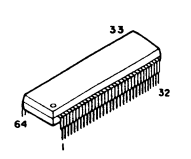
LC72146M

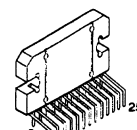
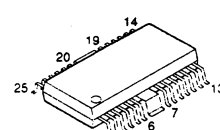
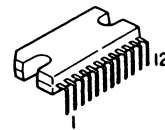
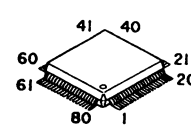
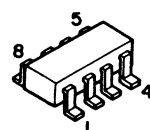
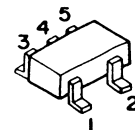
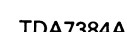
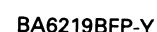
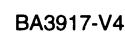
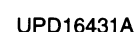
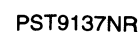
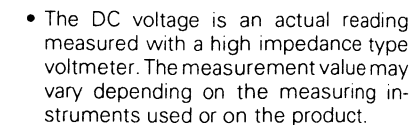


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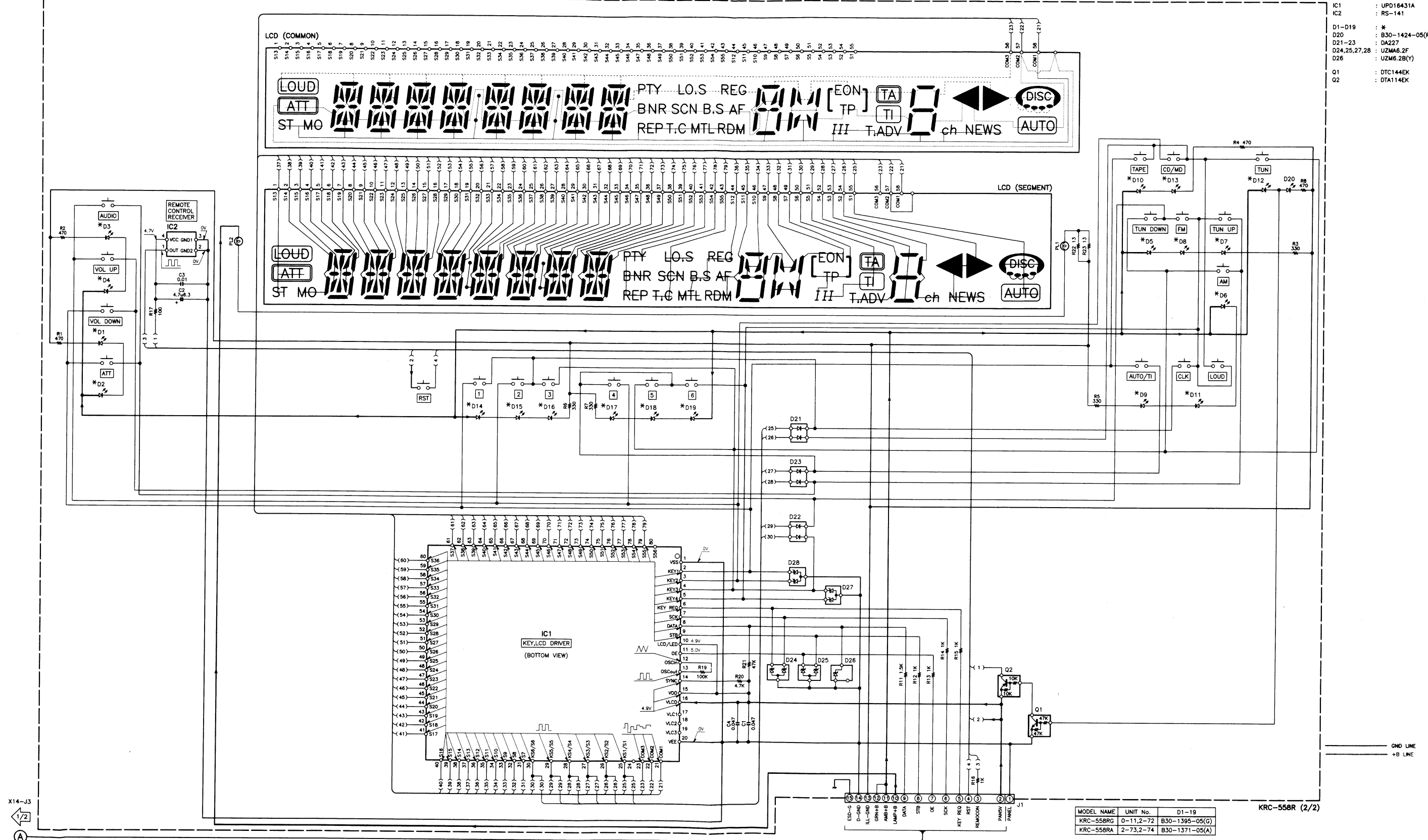
TDA7420





KRC-558RG/RA
KENWOOD

SWITCH UNIT (X13-896X-XX)



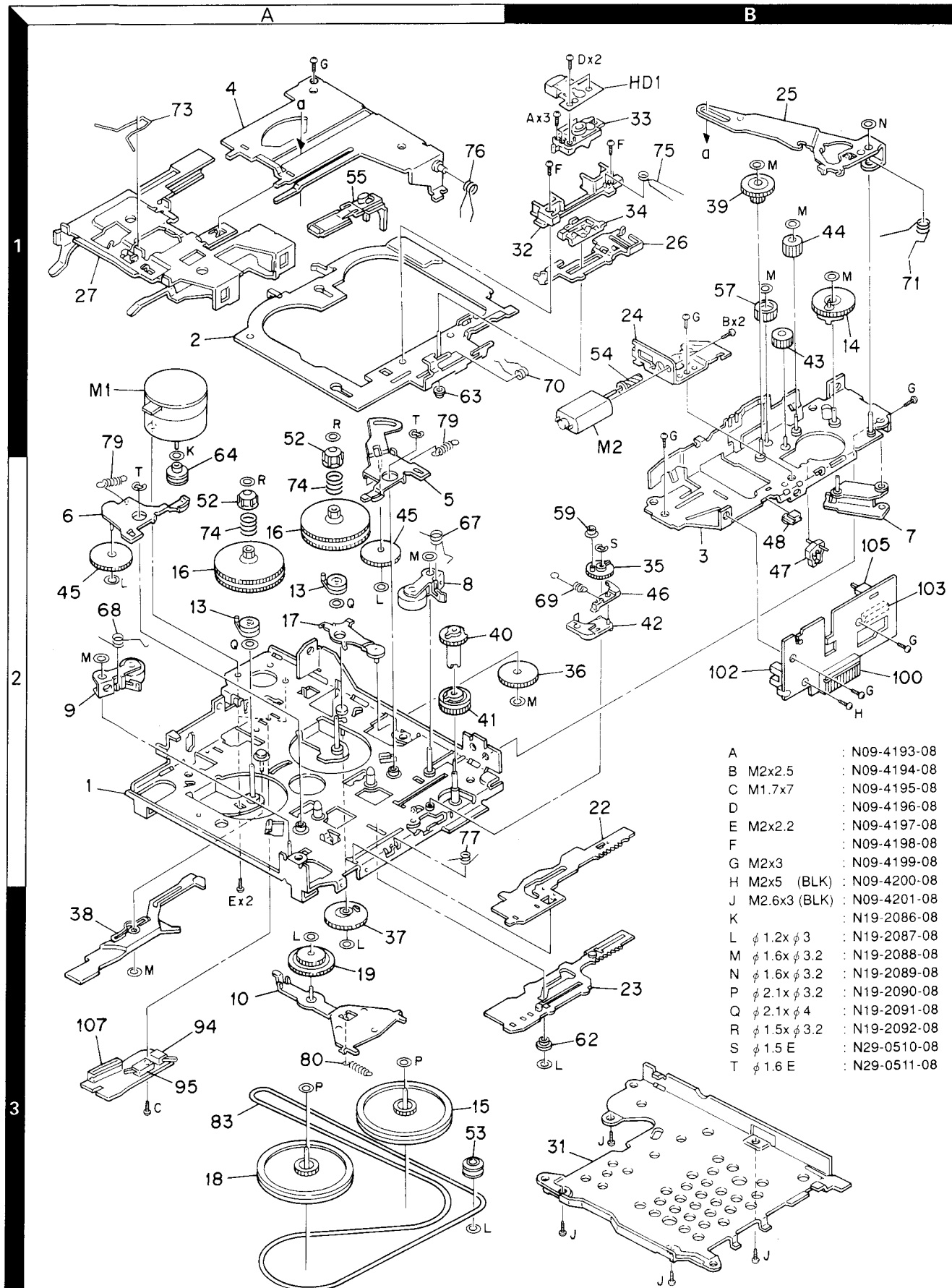
| MODEL NAME | UNIT No. | D1-19 |
|------------|-----------|----------------|
| KRC-558RG | 0-11,2-72 | B30-1395-05(G) |
| KRC-558RA | 2-73,2-74 | B30-1371-05(A) |

KRC-558R (2/2)

KRC-558RG/RA
KENWOOD

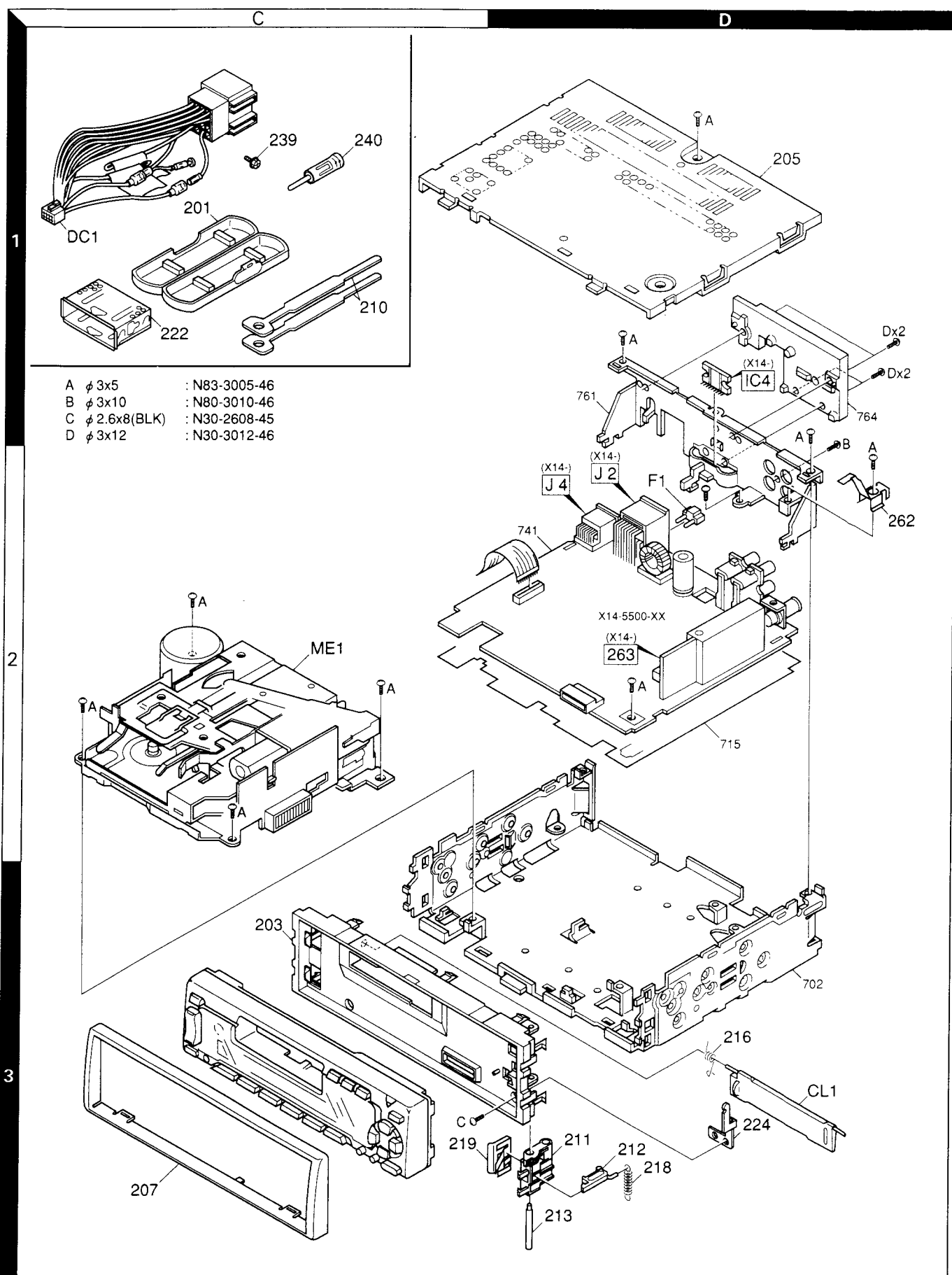
KRC-558RG/RA

EXPLODED VIEW (MECHANISM)



Parts with the exploded numbers larger than 700 are not supplied. 21

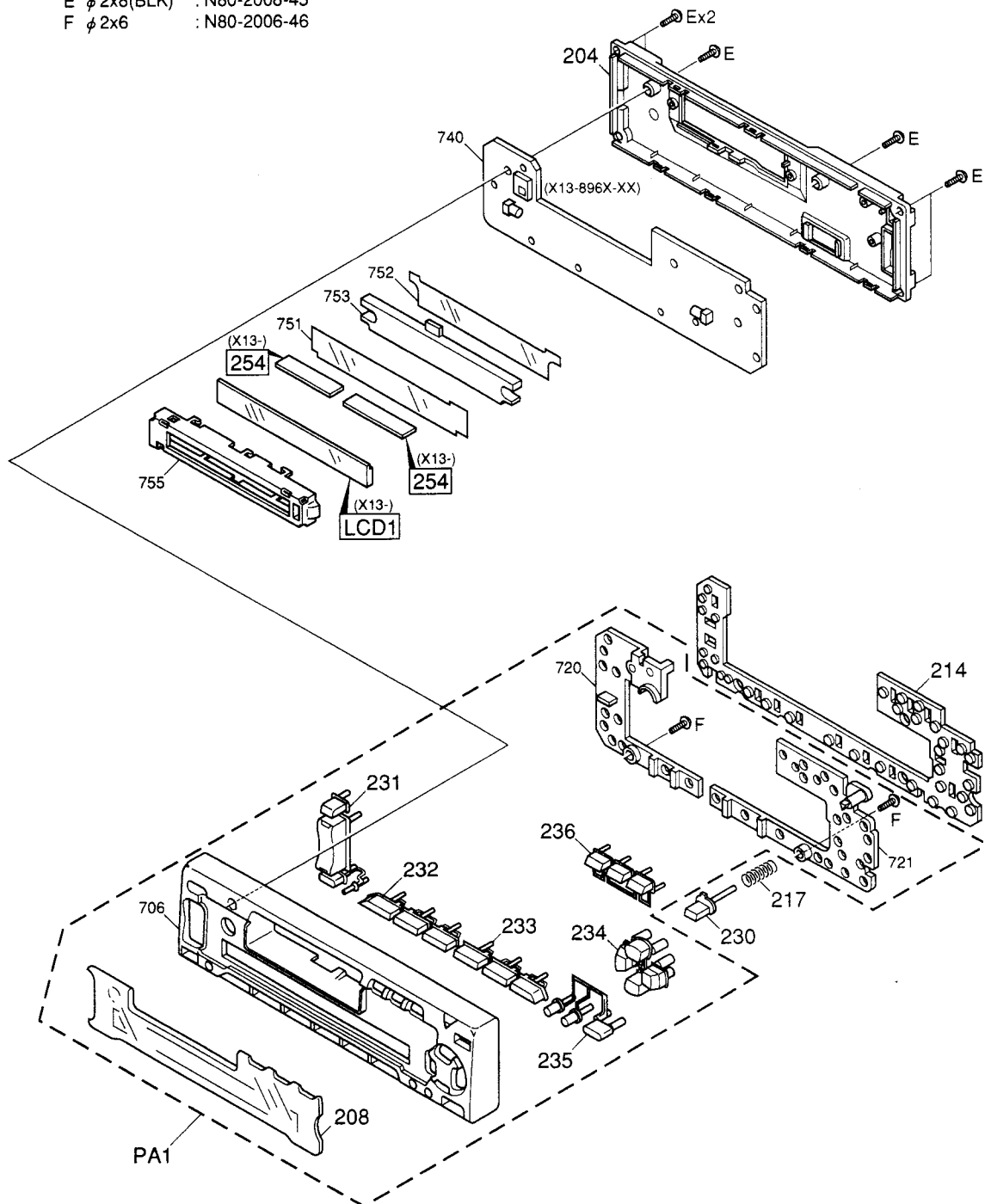
EXPLODED VIEW (UNIT)



KRC-558RG/RA

EXPLODED VIEW (UNIT)

E ϕ 2x8(BLK) : N80-2008-45
F ϕ 2x6 : N80-2006-46



KRC-558RG/RA

PARTS LIST

* New Parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

SWITCH UNIT (X13-896X-XX)

KRC-558RG : 0-11, 2-72

KRC-558RA : 2-73, 2-74

| Ref No. | N ew | Parts No. | Description/Destination |
|----------------------------------|---------|---------------|---------------------------------|
| KRC-558RG/RA | | | |
| 201 | 1C | A02-1444-03 | PLASTIC CABINET ASSY |
| 203 | 3C | * A22-1277-01 | SUB PANEL |
| 204 | 1F | A46-1257-01 | REAR COVER |
| 205 | 1D | * A52-0705-02 | TOP PLATE |
| CL1 | 3D | * A53-1638-03 | CASSETTE LID |
| PA1 | 3E | * A64-0889-02 | PANEL ASSY |
| 203 | 3E | * B10-1713-01 | FRONT GLASS |
| 207 | 3C | * B07-2081-02 | ESCUTCHEON |
| - | - | B46-0100-50 | WARRANTY CARD |
| - | - | B46-0182-14 | ID CARD |
| - | - | B58-1223-04 | CAUTION CARD |
| - | - | B58-1225-04 | CAUTION CARD |
| - | - | B64-0930-00 | INST. MANUAL (GER, ITA, SPA) |
| - | - | B64-0931-00 | INST. MANUAL (ENG, FRE) |
| - | - | B64-0932-00 | INST. MANUAL (DUT, POR) |
| 210 | 1C | D10-3031-04 | LEVER |
| 211 | 3D | * D10-4051-03 | LEVER |
| 212 | 3D | * D10-4052-03 | LEVER |
| 213 | 3D | * D21-2250-04 | SHAFT |
| ME1 | 1C | D40-1081-05 | CASSETTE MECHANISM ASSY |
| 214 | 2F | E29-1514-02 | CONDUCTIVE RUBBER |
| DC1 | 1C | E30-4426-05 | DC CORD |
| F1 | 2D | F52-0006-05 | FUSE (MINI BLADE TYPE) |
| 216 | 3D | G01-2525-04 | TORSION COIL SPRING |
| 217 | 3F | G01-2738-04 | COMPRESSION SPRING |
| 218 | 3D | * G01-2792-04 | EXTENSION SPRING |
| 219 | 3D | * G02-1244-03 | FLAT SPRING |
| - | - | * H10-4555-02 | POLYSTYRENE FOAMED FIXTURE |
| - | - | H25-0337-04 | PROTECTION BAG (180X300X0.03) |
| - | - | H25-1111-04 | PROTECTION BAG (280X450X0.03) |
| - | - | * H54-0772-04 | ITEM CARTON CASE (KRC-558RG) E2 |
| - | - | * H54-0774-04 | ITEM CARTON CASE (KRC-558RA) E4 |
| 222 | 1C | J21-7630-13 | MOUNTING HARDWARE ASSY |
| 224 | 3D | * J21-7726-04 | MOUNTING HARDWARE |
| 230 | 3F | K24-1763-04 | KNØB (RELEASE) |
| 231 | 2E | K25-0786-03 | KNØB (AUD) |
| 232 | 3E | K25-0788-03 | KNØB (1, 2, 3) |
| 233 | 3E | K25-0789-03 | KNØB (4, 5, 6) |
| 234 | 3F | K25-0790-03 | KNØB (FM, AM) |
| 235 | 3F | K25-0791-03 | KNØB (AUTO) |
| 236 | 3F | K25-0792-03 | KNØB (TUNE) |
| 239 | 1C | N09-1885-05 | SEMS (MACHINE SCREW) |
| A | 1D | N83-3005-46 | PAN HEAD TAPTITE SCREW |
| C | 3C | N30-2608-45 | PAN HEAD MACHINE SCREW |
| E | 1F | N80-2008-45 | PAN HEAD TAPTITE SCREW |
| F | 2F | N80-2006-46 | PAN HEAD TAPTITE SCREW |
| 240 | 1C | * T90-0512-05 | ANTENNA ADAPTOR |
| SWITCH UNIT (X13-896X-XX) | | | |
| D1 | -19 | B30-1371-05 | LED (KRC-558RA) E4 |

| Ref No. | N ew | Parts No. | Description/Destination |
|---------------------------------------|---------|----------------|-------------------------|
| D1 | -19 | B30-1395-05 | LED (KRC-558RG) E2 |
| D20 | - | B30-1424-05 | LED |
| LCD1 | 2E | B38-0668-05 | LIQUID CRYSTAL |
| PL1 | ,2 | B30-1485-05 | LAMP (5.5V .125A) |
| C1 | - | CK73FB1E473KTA | CHIP C 0.047UF K |
| C2 | - | C92-0507-05 | CHIP-TAN 4.7UF 6.3WV |
| C3 | - | CK73FB1H103K | CHIP C 0.010UF K |
| C4 | - | CK73FB1E473KTA | CHIP C 0.047UF K |
| 254 | 2E | * E29-1516-04 | CONDUCTIVE RUBBER |
| J1 | - | E59-0824-05 | RECTANGULAR PLUG |
| R1 | ,2 | RK73EB2B471J | CHIP R 470 J 1/8W |
| R3 | - | RK73EB2B331J | CHIP R 330 J 1/8W |
| R4 | - | RK73EB2B471J | CHIP R 470 J 1/8W |
| R5 | -7 | RK73EB2B331J | CHIP R 330 J 1/8W |
| R8 | - | RK73EB2B471J | CHIP R 470 J 1/8W |
| R11 | - | RK73FB2A152J | CHIP R 1.5K J 1/10W |
| R12 | -16 | RK73FB2A102J | CHIP R 1.0K J 1/10W |
| R17 | - | RK73FB2A101J | CHIP R 100 J 1/10W |
| R19 | - | RK73FB2A104J | CHIP R 100K J 1/10W |
| R20 | - | RK73FB2A472J | CHIP R 4.7K J 1/10W |
| R21 | - | RK73FB2A473J | CHIP R 47K J 1/10W |
| R22 | ,23 | RK73EB2B130J | CHIP R 13 J 1/8W |
| D21 | -23 | DA227 | DIODE |
| D24 | ,25 | UZMA6.2F | ZENER DIODE |
| D26 | - | UZM6.2B(Y) | ZENER DIODE |
| D27 | ,28 | UZMA6.2F | ZENER DIODE |
| IC1 | - | UPD16431A | MØS-IC |
| IC2 | - | RS-141 | ANALOGUE IC |
| Q1 | - | DTC144EK | DIGITAL TRANSISTOR |
| Q1 | - | UN2213 | DIGITAL TRANSISTOR |
| Q2 | - | DTA114EK | DIGITAL TRANSISTOR |
| Q2 | - | UN2111 | DIGITAL TRANSISTOR |
| SYNTHESIZER UNIT (X14-549X-XX) | | | |
| D251 | - | B30-1424-05 | LED |
| C1 | ,2 | CK73FB1H821K | CHIP C 820PF K |
| C11 | ,12 | CK73FB1H153KTA | CHIP C 0.015UF K |
| C13 | ,14 | C90-2595-05 | ELECTRØ 4.7UF 16WV |
| C19 | ,20 | C90-2608-05 | ELECTRØ 1.0UF 50WV |
| C21 | ,22 | C90-2595-05 | ELECTRØ 4.7UF 16WV |
| C23 | ,24 | CE04CW0J470M | ELECTRØ 47UF 6.3WV |
| C29 | ,30 | CK73FB1H122K | CHIP C 1200PF K |
| C31 | ,32 | C90-2608-05 | ELECTRØ 1.0UF 50WV |
| C33 | ,34 | CK73FB1H152K | CHIP C 1500PF K |
| C35 | -38 | CK73FB1C104K | CHIP C 0.10UF K |
| C39 | ,40 | C90-2600-05 | ELECTRØ 2.2UF 35WV |
| C41 | -44 | C90-2592-05 | ELECTRØ 10UF 6.3WV |
| C45 | -48 | C90-2605-05 | ELECTRØ 0.33UF 50WV |
| C49 | -52 | CK73FB1H821K | CHIP C 820PF K |
| C55 | ,56 | CK73FB1H562K | CHIP C 5600PF K |
| C59 | ,60 | CC73FCH1H470J | CHIP C 47PF J |
| C63 | -70 | CK73FB1H153KTA | CHIP C 0.015UF K |
| C100-102 | - | CK73FB1H103K | CHIP C 0.010UF K |
| C103 | - | CE04CW1A101M | ELECTRØ 100UF 10WV |

E: Europe K: North America M: Other Areas W: Without Europe

△ indicates safety critical components.

KRC-558RG/RA

PARTS LIST

* New Parts

Parts without **Parts No.** are not supplied.

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Teile ohne **Parts No.** werden nicht geliefert.

SYNTHESIZER UNIT (X14-549X-XX)

KRC-558RG : 2-72, 2-73

KRC-558RA : 2-74, 2-75

| Ref No. | New | Parts No. | Description/Destination | Ref No. | New | Parts No. | Description/Destination |
|-----------|-----|----------------|-------------------------|-----------|-----|----------------|-------------------------------|
| C104 | | CK73FB1H331K | CHIP C 330PF K | C203 | | CE04CW1A101M | ELECTRØ 100UF 10WV |
| C105 | | CK73FB1C823K | CHIP C 0.082UF K | C204 | | CK73FB1H821K | CHIP C 820PF K |
| C106 | | CK73FB1H103K | CHIP C 0.010UF K | C205 | | C90-2608-05 | ELECTRØ 1.0UF 50WV |
| C107 | | CE04DW1A101M | ELECTRØ 100UF 10WV | C207 | | CK73FB1H103K | CHIP C 0.010UF K |
| C108 | | CK73FB1H103K | CHIP C 0.010UF K | C208 | | C90-2856-05 | ELECTRØ 3900UF 16WV |
| C109 | | CE04DW1A101M | ELECTRØ 100UF 10WV | C209, 210 | | CK73FB1H103K | CHIP C 0.010UF K |
| C110 | | CC73FCH1H470J | CHIP C 47PF J | C213, 214 | | C90-2595-05 | ELECTRØ 4.7UF 16WV |
| C111 | | CK73FB1H103K | CHIP C 0.010UF K | C215 | | C90-2597-05 | ELECTRØ 10UF 16WV |
| C112 | | C90-2597-05 | ELECTRØ 10UF 16WV | C216, 217 | | C92-0009-05 | CHIP-TAN 4.7UF 10WV |
| C113 | | CK73FB1H471K | CHIP C 470PF K | C218 | | C90-2595-05 | ELECTRØ 4.7UF 16WV |
| C114 | | CC73FCH1H121J | CHIP C 120PF J | C219 | | CK73EB1C334K | CHIP C 0.33UF K |
| C115 | | CC73FCH1H120J | CHIP C 12PF J | C233 | | CK73FB1H223KTA | CHIP C 0.022UF K |
| C116 | | CK73FB1H122K | CHIP C 1200PF K | C234 | | CK73FB1H103K | CHIP C 0.010UF K |
| C117 | | CK73FB1H471K | CHIP C 470PF K | C251 | | CK73FB1H103K | CHIP C 0.010UF K |
| C118 | | CC73FCH1H820J | CHIP C 82PF J | C252 | | CE04CW0J331M | ELECTRØ 330UF 6.3WV |
| C119 | | CK73FB1H122K | CHIP C 1200PF K | C254, 255 | | CC73FCH1H220J | CHIP C 22PF J |
| C120 | | CK73FB1H102K | CHIP C 1000PF K | C257 | | C90-2592-05 | ELECTRØ 10UF 6.3WV |
| C121 | | CC73FCH1H060D | CHIP C 6.0PF D | C258 | | CK73FB1H271K | CHIP C 270PF K |
| C122 | | CK73FB1H223KTA | CHIP C 0.022UF K | C259 | | CK73FB1H102K | CHIP C 1000PF K |
| C123 | | CK73FB1H222K | CHIP C 2200PF K | C260, 261 | | C90-2608-05 | ELECTRØ 1.0UF 50WV |
| C124 | | CK73FB1H822K | CHIP C 8200PF K | C262 | | CK73FB1H223KTA | CHIP C 0.022UF K |
| C125 | | CK73FB1H103K | CHIP C 0.010UF K | C263 | | CK73FB1H103K | CHIP C 0.010UF K |
| C126 | | C90-2592-05 | ELECTRØ 10UF 6.3WV | C264 | | CK73FB1H102K | CHIP C 1000PF K |
| C127, 128 | | CC73FCH1H270J | CHIP C 27PF J | C265 | | CK73FB1H103K | CHIP C 0.010UF K |
| C129 | | CK73FB1H103K | CHIP C 0.010UF K | C300-305 | | CK73FB1H103K | CHIP C 0.010UF K |
| C130 | | CE04CW1A470M | ELECTRØ 47UF 10WV | C332 | | CE04CW1C470M | ELECTRØ 47UF 16WV |
| C131 | | CF92FV1H393J | MF-C 0.039UF J | C333 | | CK73FB1C104K | CHIP C 0.10UF K |
| C132 | | CF92FV1H682J | MF-C 6800PF J | C335 | | CK73FB1C104K | CHIP C 0.10UF K |
| C133 | | CK73FB1E683KTA | CHIP C 0.068UF K | C336-338 | | CK73FB1C224K | CHIP C 0.22UF K |
| C134 | | C90-2807-05 | NP-ELEC 0.47UF 50WV | C339 | | CK73FB1H103K | CHIP C 0.010UF K |
| C135 | | CK73FB1H103K | CHIP C 0.010UF K | 262 2D | | E29-1497-04 | LEAD PLATE |
| C136 | | CE04CW1A101M | ELECTRØ 100UF 10WV | 263 2D | | E31-8094-05 | LEAD WIRE |
| C137 | | CK73FB1H103K | CHIP C 0.010UF K | CN1 | | E40-9541-05 | PIN ASSY |
| C141, 142 | | CK73FB1H103K | CHIP C 0.010UF K | J1 | | E04-0306-05 | RF COAXIAL CABLE RECEPTACLE |
| C162 | | CE04CW1A470M | ELECTRØ 47UF 10WV | J2 | | E58-0836-05 | RECTANGULAR RECEPTACLE |
| C163 | | CK73FB1H103K | CHIP C 0.010UF K | J3 | | E58-0854-05 | RECTANGULAR RECEPTACLE |
| C164, 165 | | CK73FB1H102K | CHIP C 1000PF K | J4 | | E56-0809-05 | CYLINDRICAL RECEPTACLE |
| C166 | | CK73FB1C154K | CHIP C 0.15UF K | J5 | | E13-0235-05 | PHONE JACK |
| C167 | | CC73FCH1H271J | CHIP C 270PF J | L1 | | L33-1039-05 | LINE FILTER COIL |
| C168 | | CK73FB1H223KTA | CHIP C 0.022UF K | L2 | | L40-1001-17 | SMALL FIXED INDUCTOR<10UH,K> |
| C169 | | CK73FB1E473KTA | CHIP C 0.047UF K | L6 | | L92-0308-05 | FERRITE CORE |
| C170 | | CK73FB1H102K | CHIP C 1000PF K | L7 | | L40-4791-17 | SMALL FIXED INDUCTOR<4.7UH,K> |
| C171 | | CK73FB1H103K | CHIP C 0.010UF K | L10 | | L40-1001-17 | SMALL FIXED INDUCTOR<10UH,K> |
| C172 | | CK73FB1C823K | CHIP C 0.082UF K | L11 | | L33-1063-05 | CHOKE COIL |
| C173, 174 | | CK73FB1C184K | CHIP C 0.18UF K | L12 | | L40-4791-17 | SMALL FIXED INDUCTOR<4.7UH,K> |
| C176 | | CK73FB1H103K | CHIP C 0.010UF K | X1 | | L77-1166-05 | CRYSTAL RESONATOR |
| C177 | | C90-2854-05 | ELECTRØ 10UF 10WV | X2 | | L78-0545-05 | RESONATOR (CSB456FB38,AN) |
| C178 | | C90-2525-05 | NP-ELECT 2.2UF 35WV | X3 | | L77-2051-05 | CRYSTAL RESONATOR(8.664M) |
| C180 | | C90-2608-05 | ELECTRØ 1.0UF 50WV | A 1D | | N83-3005-46 | PAN HEAD TAPTITE SCREW |
| C181 | | CK73FB1C823K | CHIP C 0.082UF K | B 1D | | N80-3010-46 | PAN HEAD TAPTITE SCREW |
| C182 | | C90-2608-05 | ELECTRØ 1.0UF 50WV | D 1D | | N30-3012-46 | PAN HEAD MACHINE SCREW |
| C183 | | CK73EB1E274K | CHIP C 0.27UF K | R1 ,2 | | RK73FB2A473J | CHIP R 47K J 1/10W |
| C186 | | CK73FB1H103K | CHIP C 0.010UF K | R5 ,6 | | RK73FB2A304J | CHIP R 300K J 1/10W |
| C189 | | C90-2592-05 | ELECTRØ 10UF 6.3WV | R7 .8 | | RK73FB2A682J | CHIP R 6.8K J 1/10W |
| C202 | | C90-2608-05 | ELECTRØ 1.0UF 50WV | | | | |

E: Europe K: North America M: Other Areas W: Without Europe

⚠ indicates safety critical components.

KRC-558RG/RA

PARTS LIST

* New Parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

SYNTHESIZER UNIT (X14-549X-XX)

KRC-558RG : 2-72, 2-73

KRC-558RA : 2-74, 2-75

| Ref No. | New | Parts No. | Description/Destination |
|----------|-----|--------------|-------------------------|
| R9 ,10 | | RK73FB2A821J | CHIP R 820 J 1/10W |
| R13 ,14 | | RK73FB2A100J | CHIP R 10 J 1/10W |
| R21 ,22 | | RK73EB2B100J | CHIP R 10 J 1/8W |
| R23 | | RK73EB2B4R7J | CHIP R 4.7 J 1/8W |
| R29 ,30 | | RK73FB2A102J | CHIP R 1.0K J 1/10W |
| R31 ,32 | | RK73FB2A622J | CHIP R 6.2K J 1/10W |
| R33 -36 | | RK73FB2A472J | CHIP R 4.7K J 1/10W |
| R37 -40 | | RK73FB2A303J | CHIP R 30K J 1/10W |
| R43 ,44 | | RK73FB2A271J | CHIP R 270 J 1/10W |
| R47 -50 | | RK73FB2A101J | CHIP R 100 J 1/10W |
| R53 ,54 | | RK73FB2A101J | CHIP R 100 J 1/10W |
| R99 | | RK73FB2A473J | CHIP R 47K J 1/10W |
| R100 | | RK73FB2A103J | CHIP R 10K J 1/10W |
| R101 | | RK73FB2A363J | CHIP R 36K J 1/10W |
| R102 | | RK73FB2A473J | CHIP R 47K J 1/10W |
| R103,104 | | RK73FB2A103J | CHIP R 10K J 1/10W |
| R105 | | RK73FB2A102J | CHIP R 1.0K J 1/10W |
| R106 | | RK73EB2B562J | CHIP R 5.6K J 1/8W |
| R107,108 | | RK73FB2A223J | CHIP R 22K J 1/10W |
| R110 | | RK73FB2A822J | CHIP R 8.2K J 1/10W |
| R111 | | RK73FB2A472J | CHIP R 4.7K J 1/10W |
| R112 | | RK73FB2A561J | CHIP R 560 J 1/10W |
| R113 | | RK73FB2A472J | CHIP R 4.7K J 1/10W |
| R114 | | RK73FB2A182J | CHIP R 1.8K J 1/10W |
| R115 | | RK73FB2A682J | CHIP R 6.8K J 1/10W |
| R116 | | RK73FB2A332J | CHIP R 3.3K J 1/10W |
| R117 | | RK73FB2A473J | CHIP R 47K J 1/10W |
| R118 | | RK73FB2A102J | CHIP R 1.0K J 1/10W |
| R119 | | RK73FB2A472J | CHIP R 4.7K J 1/10W |
| R120 | | RK73FB2A102J | CHIP R 1.0K J 1/10W |
| R121 | | RK73FB2A222J | CHIP R 2.2K J 1/10W |
| R122,123 | | RK73FB2A103J | CHIP R 10K J 1/10W |
| R124 | | RK73FB2A563J | CHIP R 56K J 1/10W |
| R125 | | RK73FB2A272J | CHIP R 2.7K J 1/10W |
| R126 | | RK73FB2A103J | CHIP R 10K J 1/10W |
| R127 | | RK73FB2A153J | CHIP R 15K J 1/10W |
| R128,129 | | RK73FB2A562J | CHIP R 5.6K J 1/10W |
| R130 | | RK73FB2A823J | CHIP R 82K J 1/10W |
| R131 | | RK73FB2A103J | CHIP R 10K J 1/10W |
| R132 | | RK73FB2A104J | CHIP R 100K J 1/10W |
| R133 | | RK73FB2A103J | CHIP R 10K J 1/10W |
| R134,135 | | RK73FB2A222J | CHIP R 2.2K J 1/10W |
| R136 | | RK73FB2A103J | CHIP R 10K J 1/10W |
| R137 | | RK73FB2A102J | CHIP R 1.0K J 1/10W |
| R138 | | RK73FB2A750J | CHIP R 75 J 1/10W |
| R139 | | RK73FB2A332J | CHIP R 3.3K J 1/10W |
| R140 | | RK73FB2A223J | CHIP R 22K J 1/10W |
| R141 | | RK73FB2A101J | CHIP R 100 J 1/10W |
| R142 | | RK73FB2A562J | CHIP R 5.6K J 1/10W |
| R143 | | RK73FB2A752J | CHIP R 7.5K J 1/10W |
| R144 | | RK73FB2A332J | CHIP R 3.3K J 1/10W |
| R145 | | RK73FB2A470J | CHIP R 47 J 1/10W |
| R146 | | RK73FB2A222J | CHIP R 2.2K J 1/10W |
| R147 | | RK73FB2A472J | CHIP R 4.7K J 1/10W |
| R148 | | RK73FB2A331J | CHIP R 330 J 1/10W |

| Ref No. | New | Parts No. | Description/Destination |
|----------|-----|--------------|-------------------------|
| R149 | | RK73FB2A102J | CHIP R 1.0K J 1/10W |
| R150 | | RK73FB2A101J | CHIP R 100 J 1/10W |
| R151,152 | | RK73FB2A103J | CHIP R 10K J 1/10W |
| R153 | | RK73FB2A123J | CHIP R 12K J 1/10W |
| R154-156 | | RK73FB2A102J | CHIP R 1.0K J 1/10W |
| R157 | | RK73FB2A470J | CHIP R 47 J 1/10W |
| R160 | | RK73FB2A220J | CHIP R 22 J 1/10W |
| R161 | | RK73FB2A302J | CHIP R 3.0K J 1/10W |
| R162 | | RK73FB2A271J | CHIP R 270 J 1/10W |
| R164 | | RK73FB2A184J | CHIP R 180K J 1/10W |
| R165,166 | | RK73FB2A104J | CHIP R 100K J 1/10W |
| R167 | | RK73FB2A683J | CHIP R 68K J 1/10W |
| R168 | | RK73FB2A183J | CHIP R 18K J 1/10W |
| R169 | | RK73FB2A474J | CHIP R 470K J 1/10W |
| R170 | | RK73FB2A823J | CHIP R 82K J 1/10W |
| R171 | | RK73FB2A100J | CHIP R 10 J 1/10W |
| R172 | | RK73FB2A472J | CHIP R 4.7K J 1/10W |
| R173 | | RK73FB2A471J | CHIP R 470 J 1/10W |
| R174 | | RK73FB2A223J | CHIP R 22K J 1/10W |
| R175 | | RK73FB2A104J | CHIP R 100K J 1/10W |
| R176 | | RK73FB2A471J | CHIP R 470 J 1/10W |
| R178 | | RK73FB2A473J | CHIP R 47K J 1/10W |
| R179 | | RK73FB2A273J | CHIP R 27K J 1/10W |
| R180 | | RK73EB2B222J | CHIP R 2.2K J 1/8W |
| R181-183 | | RK73EB2B102J | CHIP R 1.0K J 1/8W |
| R184 | | RK73EB2B101J | CHIP R 100 J 1/8W |
| R185,186 | | RK73EB2B102J | CHIP R 1.0K J 1/8W |
| R187 | | RK73EB2B101J | CHIP R 100 J 1/8W |
| R193,194 | | RK73FB2A223J | CHIP R 22K J 1/10W |
| R195 | | RK73FB2A222J | CHIP R 2.2K J 1/10W |
| R196 | | RK73FB2A562J | CHIP R 5.6K J 1/10W |
| R200 | | RK73FB2A103J | CHIP R 10K J 1/10W |
| R201 | | RK73FB2A223J | CHIP R 22K J 1/10W |
| R204 | | RK73FB2A681J | CHIP R 680 J 1/10W |
| R205 | | RK73FB2A391J | CHIP R 390 J 1/10W |
| R206 | | RK73FB2A154J | CHIP R 150K J 1/10W |
| R207 | | RK73FB2A123J | CHIP R 12K J 1/10W |
| R208 | | RK73FB2A103J | CHIP R 10K J 1/10W |
| R209 | | RD140B2H332J | SMALL-RD 3.3K J 1/2W |
| R212 | | RK73FB2A331J | CHIP R 330 J 1/10W |
| R213 | | RK73FB2A102J | CHIP R 1.0K J 1/10W |
| R214 | | RK73FB2A332J | CHIP R 3.3K J 1/10W |
| R215 | | RK73FB2A472J | CHIP R 4.7K J 1/10W |
| R216 | | RK73FB2A222J | CHIP R 2.2K J 1/10W |
| R217 | | RK73FB2A103J | CHIP R 10K J 1/10W |
| R218 | | RK73EB2B472J | CHIP R 4.7K J 1/8W |
| R220 | | RK73FB2A472J | CHIP R 4.7K J 1/10W |
| R222 | | RK73FB2A752J | CHIP R 7.5K J 1/10W |
| R233 | | RK73EB2B102J | CHIP R 1.0K J 1/8W |
| R234 | | RK73FB2A104J | CHIP R 100K J 1/10W |
| R235 | | RK73EB2B470J | CHIP R 47 J 1/8W |
| R236 | | RK73EB2B102J | CHIP R 1.0K J 1/8W |
| R237 | | RK73FB2A104J | CHIP R 100K J 1/10W |
| R238 | | RK73EB2B102J | CHIP R 1.0K J 1/8W |
| R239 | | RK73FB2A104J | CHIP R 100K J 1/10W |

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△ indicates safety critical components.

KRC-558RG/RA

PARTS LIST

* New Parts

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SYNTHESIZER UNIT (X14-549X-XX)

KRC-558RG : 2-72, 2-73

KRC-558RA : 2-74, 2-75

| Ref No. | New | Parts No. | Description/Destination | Ref No. | New | Parts No. | Description/Destination |
|-----------|-----|--------------|-------------------------|----------|-----|----------------|-------------------------|
| R240, 241 | | RK73EB2B102J | CHIP R 1.0K J 1/8W | D207 | | AM01Z | DIODE |
| R242 | | RK73EB2B472J | CHIP R 4.7K J 1/8W | D207 | | DSM1SD2 | DIODE |
| R244 | | RK73EB2B470J | CHIP R 47 J 1/8W | D209 | | 1SS133 | DIODE |
| R245 | | RK73FB2A472J | CHIP R 4.7K J 1/10W | D210 | | AM01Z | DIODE |
| R246 | | RK73FB2A471J | CHIP R 470 J 1/10W | D210 | | DSM1SD2 | DIODE |
| R258 | | RK73FB2A222J | CHIP R 2.2K J 1/10W | D211 | | DAN202K | DIODE |
| R259 | | RK73FB2A334J | CHIP R 330K J 1/10W | D211 | | MA152WK | DIODE |
| R260-262 | | RK73FB2A472J | CHIP R 4.7K J 1/10W | D212 | | DAP202K | DIODE |
| R263 | | RK73FB2A104J | CHIP R 100K J 1/10W | D212 | | MA152WA | DIODE |
| R266 | | RK73FB2A102J | CHIP R 1.0K J 1/10W | D214 | | DAN202K | DIODE |
| R267 | | RK73FB2A223J | CHIP R 22K J 1/10W | D214 | | MA152WK | DIODE |
| R268 | | RK73FB2A102J | CHIP R 1.0K J 1/10W | D216 | | DAN202K | DIODE |
| R269 | | RK73FB2A223J | CHIP R 22K J 1/10W | D216 | | MA152WK | DIODE |
| R273 | | RK73FB2A472J | CHIP R 4.7K J 1/10W | D218 | | DAN202K | DIODE |
| R277 | | RK73FB2A104J | CHIP R 100K J 1/10W | D218 | | MA152WK | DIODE |
| R283 | | RK73FB2A104J | CHIP R 100K J 1/10W | D232-235 | | UZMA6.2F | ZENER DIODE |
| R288 | | RK73FB2A222J | CHIP R 2.2K J 1/10W | D252 | | DAN202K | DIODE |
| R290, 291 | | RK73FB2A472J | CHIP R 4.7K J 1/10W | D252 | | MA152WK | DIODE |
| R292 | | RK73FB2A101J | CHIP R 100 J 1/10W | D331 | | UZ-22BS(B) | ZENER DIODE |
| R293-296 | | RK73FB2A222J | CHIP R 2.2K J 1/10W | D332 | | UZ-7.5BS(B) | ZENER DIODE |
| R297-299 | | RK73FB2A102J | CHIP R 1.0K J 1/10W | D333 | | AM01Z | DIODE |
| R300 | | RK73FB2A222J | CHIP R 2.2K J 1/10W | D333 | | DSM1SD2 | DIODE |
| R301-303 | | RK73FB2A472J | CHIP R 4.7K J 1/10W | D334 | | UZ-12BS(B) | ZENER DIODE |
| R305 | | RK73FB2A472J | CHIP R 4.7K J 1/10W | IC1 | | LC72146M | MOS-IC |
| R306 | | RK73FB2A104J | CHIP R 100K J 1/10W | IC2 | | TC4W66F | IC |
| R307 | | RK73FB2A223J | CHIP R 22K J 1/10W | IC3 | | NJM4565M-TE2 | ANALOGUE IC |
| R308 | | RK73FB2A472J | CHIP R 4.7K J 1/10W | IC4 | | TDA7420 | ANALOGUE IC |
| R318 | | RK73FB2A472J | CHIP R 4.7K J 1/10W | IC6 | | TDA7384A | ANALOGUE IC |
| R319 | | RK73FB2A241J | CHIP R 240 J 1/10W | IC7 | | BA3917-V4 | ANALOGUE IC |
| R320 | | RK73FB2A102J | CHIP R 1.0K J 1/10W | IC8 | | ST7285A5Q6ACLK | MI-COM IC |
| R321 | | RK73FB2A105J | CHIP R 1.0M J 1/10W | IC9 | | BA6219BFP-Y | ANALOGUE IC |
| R324 | | RK73FB2A103J | CHIP R 10K J 1/10W | IC10 | | PST9137NR | ANALOGUE IC |
| R325 | | RK73FB2A333J | CHIP R 33K J 1/10W | Q3 ,4 | | DTC143TK | DIGITAL TRANSISTOR |
| R326 | | RK73FB2A153J | CHIP R 15K J 1/10W | Q3 ,4 | | UN2216 | DIGITAL TRANSISTOR |
| R327 | | RK73FB2A47J | CHIP R 4.7 J 1/10W | Q102,103 | | DTC124EK | DIGITAL TRANSISTOR |
| R331 | | RK73FB2A102J | CHIP R 1.0K J 1/10W | Q102,103 | | UN2212 | DIGITAL TRANSISTOR |
| R332 | | RK73FB2A122J | CHIP R 1.2K J 1/10W | Q104 | | 2SA1037K | TRANSISTOR |
| R333 | | RK73FB2A104J | CHIP R 100K J 1/10W | Q105-109 | | 2SC2412K | TRANSISTOR |
| R334, 335 | | R92-2104-05 | CHIP R 2.2 J 1W | Q105-109 | | 2SD601A | TRANSISTOR |
| R337 | | RD14DB2H102J | SMALL-RD 1.0K J 1/2W | Q110 | | DTA124EK | DIGITAL TRANSISTOR |
| R338 | | RK73FB2A104J | CHIP R 100K J 1/10W | Q110 | | UN2112 | DIGITAL TRANSISTOR |
| R339, 340 | | RK73FB2A471J | CHIP R 470 J 1/10W | Q111 | | DTC114TK | DIGITAL TRANSISTOR |
| VR3 | | R12-0679-05 | TRIMMING POT. (22K 7%) | Q111 | | UN2215 | DIGITAL TRANSISTOR |
| W1 | | R92-2052-05 | CHIP R 0 J 1/10W E4 | Q112 | | 2SA1037K | TRANSISTOR |
| W2 | | R92-2052-05 | CHIP R 0 J 1/10W E2 | Q113 | | DTC144EK | DIGITAL TRANSISTOR |
| D1 -4 | | DA204K | DIODE | Q113 | | UN2213 | DIGITAL TRANSISTOR |
| D101-103 | | 1SS133 | DIODE | Q114 | | 2SK536 | FET |
| D104 | | DA204K | DIODE | Q116 | | 2SK536 | FET |
| D200 | | DAN202K | DIODE | Q117 | | 2SC2412K | TRANSISTOR |
| D200 | | MA152WK | DIODE | Q117 | | 2SD601A | TRANSISTOR |
| D202 | | 1SS133 | DIODE | Q161 | | 2SC2412K | TRANSISTOR |
| D203 | | RM10ZLF | DIODE | Q161 | | 2SD601A | TRANSISTOR |
| D204 | | UZL-7(L3) | ZENER DIODE | Q162 | | DTC144EK | DIGITAL TRANSISTOR |
| D205 | | 1SS133 | DIODE | Q162 | | UN2213 | DIGITAL TRANSISTOR |
| D206 | | UZ-5.1BS(B) | ZENER DIODE | Q164 | | 2SA1037K | TRANSISTOR |

E: Europe K: North America M: Other Areas W: Without Europe

⚠ indicates safety critical components.

KRC-558RG/RA

PARTS LIST

* New Parts

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CASSETTE MECHANISM ASS'Y (D40-1081-05)

| Ref No. | N e w | Parts No. | Description/Destination |
|---|-------------|--------------|-----------------------------|
| Q201 | | 2SC2412K | TRANSISTOR |
| Q201 | | 2SD601A | TRANSISTOR |
| Q202 | | 2SD1760 | TRANSISTOR |
| Q203, 204 | | DTC144EK | DIGITAL TRANSISTOR |
| Q203, 204 | | UN2213 | DIGITAL TRANSISTOR |
| Q205 | | 2SA1037K | TRANSISTOR |
| Q206 | | DTC144EK | DIGITAL TRANSISTOR |
| Q206 | | UN2213 | DIGITAL TRANSISTOR |
| Q251 | | 2SC2412K | TRANSISTOR |
| Q251 | | 2SD601A | TRANSISTOR |
| Q252 | | DTC124EK | DIGITAL TRANSISTOR |
| Q252 | | UN2212 | DIGITAL TRANSISTOR |
| Q253, 254 | | DTC144EK | DIGITAL TRANSISTOR |
| Q253, 254 | | UN2213 | DIGITAL TRANSISTOR |
| Q255 | | DTA144EK | DIGITAL TRANSISTOR |
| Q255 | | UN2113 | DIGITAL TRANSISTOR |
| Q256 | | DTA124EK | DIGITAL TRANSISTOR |
| Q256 | | UN2112 | DIGITAL TRANSISTOR |
| Q257 | | DTA144EK | DIGITAL TRANSISTOR |
| Q257 | | UN2113 | DIGITAL TRANSISTOR |
| Q258 | | DTA124EK | DIGITAL TRANSISTOR |
| Q258 | | UN2112 | DIGITAL TRANSISTOR |
| Q331 | | DTC144EK | DIGITAL TRANSISTOR |
| Q331 | | UN2213 | DIGITAL TRANSISTOR |
| Q332 | | DTA124EK | DIGITAL TRANSISTOR |
| Q332 | | UN2112 | DIGITAL TRANSISTOR |
| Q333 | | 2SC2412K | TRANSISTOR |
| Q333 | | 2SD601A | TRANSISTOR |
| Q334 | | 2SB1443 | TRANSISTOR |
| Q335 | | DTC114EK | DIGITAL TRANSISTOR |
| Q335 | | UN2211 | DIGITAL TRANSISTOR |
| Q336 | | 2SB1443 | TRANSISTOR |
| Q337 | | 2SC2412K | TRANSISTOR |
| Q337 | | 2SD601A | TRANSISTOR |
| Q338 | | 2SB1184 | TRANSISTOR |
| TH1 | | NT732ATD33KJ | THERMISTOR |
| TU1 2D | | W02-1573-05 | FM/AM FRONT-END |
| CASSETTE MECHANISM ASS'Y (D40-1081-05) | | | |
| 1 | 2A * | A10-4329-08 | CHASSIS ASSY |
| 2 | 1A * | J21-7779-08 | HEAD MOUNTING HARDWARE ASSY |
| 3 | 2B * | A11-0931-08 | SUB CHASSIS ASSY |
| 4 | 1A * | D10-4106-08 | ARM |
| 5 | 2A * | D10-4107-08 | ARM |
| 6 | 2A * | D10-4108-08 | ARM |
| 7 | 2B * | D10-4109-08 | ARM |
| 8 | 2A * | D10-4110-08 | ARM ASSY |
| 9 | 2A * | D10-4111-08 | ARM ASSY |
| 10 | 3A * | D10-4112-08 | ARM |
| 13 | 2A * | D10-4113-08 | ARM |
| 14 | 1B * | D13-1324-08 | GEAR ASSY |
| 15 | 3A * | D01-0609-08 | FLYWHEEL ASSY |
| 16 | 2A * | D13-1325-08 | GEAR ASSY |
| 17 | 2A * | D10-4114-08 | ARM ASSY |

| Ref No. | N e w | Parts No. | Description/Destination |
|---------|-------------|-------------|-------------------------|
| 18 | 3A * | D01-0610-08 | FLYWHEEL ASSY |
| 19 | 3A * | D13-1326-08 | GEAR ASSY |
| 22 | 2B * | D10-4115-08 | SLIDER |
| 23 | 3B * | D10-4116-08 | SLIDER |
| 24 | 1B * | J21-7780-08 | MOTOR MOUNTING HARDWARE |
| 25 | 1B * | D10-4117-08 | ARM |
| 26 | 1B * | D10-4118-08 | SLIDER |
| 27 | 1A * | A52-0716-08 | CASSETTE HOLDER |
| 31 | 3B * | J21-7781-08 | MOUNTING HARDWARE |
| 32 | 1B * | J90-0767-08 | GUID |
| 33 | 1B * | J19-4737-08 | BRACKET |
| 34 | 1B * | D12-0622-08 | CAM |
| 35 | 2B * | D13-1327-08 | GEAR |
| 36 | 2B * | D13-1328-08 | GEAR |
| 37 | 3A * | D13-1329-08 | GEAR |
| 38 | 3A * | D10-4119-08 | ARM |
| 39 | 1B * | D13-1330-08 | GEAR |
| 40 | 2A * | D13-1331-08 | GEAR |
| 41 | 2A * | D13-1332-08 | GEAR |
| 42 | 3B * | J11-0619-08 | CLAMPER |
| 43 | 1B * | D13-1333-08 | GEAR |
| 44 | 1B * | D13-1334-08 | GEAR |
| 45 | 2A * | D13-1335-08 | GEAR |
| 46 | 2B * | D10-4120-08 | ARM |
| 47 | 2B * | J19-4738-08 | HOLDER |
| 48 | 2B * | J11-0620-08 | CLAMPER |
| 52 | 2A * | D03-0312-08 | REEL CAP |
| 53 | 3B * | D15-0913-08 | PULLEY |
| 54 | 1B * | D13-1336-08 | WORM |
| 55 | 1A * | D10-4121-08 | SLIDER |
| 57 | 1B * | D13-1337-08 | GEAR |
| 59 | 2B * | J31-1036-08 | COLLAR |
| 62 | 3B * | D14-0683-08 | ROLLER |
| 63 | 1A * | D14-0684-08 | ROLLER |
| 64 | 2A * | D15-0914-08 | PULLEY |
| 67 | 2A * | G01-2832-08 | TORSION COIL SPRING |
| 68 | 2A * | G01-2833-08 | TORSION COIL SPRING |
| 69 | 2B * | G01-2834-08 | TENSION COIL SPRING |
| 70 | 1B * | G01-2835-08 | TORSION COIL SPRING |
| 71 | 1B * | G01-2836-08 | TORSION COIL SPRING |
| 73 | 1A * | G09-2020-08 | SPRING |
| 74 | 2A * | G01-2837-08 | COMPRESSION SPRING |
| 75 | 1B * | G01-2838-08 | TORSION COIL SPRING |
| 76 | 1A * | G01-2839-08 | TORSION COIL SPRING |
| 77 | 2B * | G01-2843-08 | TORSION COIL SPRING |
| 79 | 1A * | G01-2840-08 | TENSION COIL SPRING |
| 80 | 3A * | G01-2841-08 | TENSION COIL SPRING |
| 83 | 3A * | D16-0609-08 | BELT |
| 94 | 3A * | S64-0804-08 | LEVER SWITCH |
| 95 | 3A * | S64-0805-08 | LEVER SWITCH |
| 100 | 2B * | E30-4460-08 | CONNECTOR ASSY(10P) |
| 102 | 2B * | T95-0213-08 | PHOTO COUPLER |
| 103 | 2B * | S62-0858-08 | SLIDE SWITCH |
| 105 | 2B * | S74-0813-08 | LEAF SWITCH |
| 107 | 3A * | E30-4468-08 | CONNECTOR ASSY(7P) |

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CASSETTE MECHANISM ASS'Y (D40-1081-05)

| Ref No. | N ew | Parts No. | Description/Destination |
|---------|---------|---------------|-------------------------|
| A | 1B | * N09-4193-08 | SCREW |
| B | 1B | * N09-4194-08 | SCREW |
| C | 1A | * N09-4195-08 | SCREW |
| D | 1B | * N09-4196-08 | SCREW |
| E | 2A | * N09-4197-08 | SCREW |
| F | 1B | * N09-4198-08 | SCREW |
| G | 1A | * N09-4199-08 | SCREW |
| H | 2B | * N09-4200-08 | SCREW |
| HD1 | 1B | * T31-0220-08 | PLAYBACK HEAD |
| J | 3B | * N09-4201-08 | SCREW |
| K | 2A | * N19-2086-08 | FLAT WASHER |
| L | 3A | * N19-2087-08 | FLAT WASHER |
| M | 3A | * N19-2088-08 | FLAT WASHER |
| M1 | 1A | * T42-0759-08 | MAIN MOTOR |
| M2 | 1B | * T42-0755-08 | MOTOR ASSY |
| N | 1B | * N19-2089-08 | FLAT WASHER |
| P | 3A | * N19-2090-08 | FLAT WASHER |
| Q | 2A | * N19-2091-08 | FLAT WASHER |
| R | 1A | * N19-2092-08 | FLAT WASHER |
| S | 2B | * N29-0510-08 | RETAINING RING |
| T | 3A | * N29-0511-08 | RETAINING RING |

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KRC-558RG/RA

SPECIFICATIONS

FM tuner section

Frequency range (50kHz Space) ... 87.5MHz~108.0MHz
Usable sensitivity (S/N = 26dB) 0.7 μ V/75 Ω
Quieting Sensitivity (S/N = 46dB) 1.6 μ V/75 Ω
Frequency response (\pm 3.0dB) 30Hz~15kHz
Signal to Noise ratio (MONO) 68dB
Selectivity (DIN) \geq 80dB (\pm 400kHz)
Stereo separation (1kHz) 35dB

MW tuner section

Frequency range (9kHz Space) 531kHz~1611kHz
Usable sensitivity (S/N=20dB) 30 μ V

LW tuner section

Frequency range 153kHz~281kHz
Usable sensitivity (S/N=20dB) 45 μ V

Cassette player section

Tape speed 4.76cm/sec.
Wow & Flutter (WRMS) 0.08%
Frequency response (\pm 3dB)
 120 μ s 30Hz~16kHz
Separation (1kHz) 40dB
Signal to Noise ratio 54dB

Audio section

Maximum output power 35W x 4
Output power (DIN 45324, +B=14.4V) 25W x 4
Tone action
 Bass 100Hz \pm 10dB
 Treble 10kHz \pm 10dB
Preout level/load 1800mV/10k Ω
Preout Impedance \leq 600 Ω

General

Operating voltage 14.4V (11~16V allowable)
Current consumption 10A at Rated power
Installation size (W x H x D) 182 x 53 x 154 mm
Weight 1.5kg

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